

Agfa
*W***AnSCO**



PHOTOGRAPHIC
MATERIALS.. *and*
PROFESSIONAL EQUIPMENT

AGFA ANSCO MATERIALS

FOR PROFESSIONAL PHOTOGRAPHIC USE

CAMERAS — FILM — PAPER

GOOD equipment is no less important to the professional photographer than to the surgeon, the engineer, or the highly skilled practitioner in any other line. A first class studio outfit, a finely made view camera, and substantial businesslike accessories are their own recommendation. They create in the mind of the customer an appreciation of the photographer as competent, skillful, and completely up-to-date.

Agfa Ansco photographic equipment is designed and constructed not only to provide the photographer with tools that are responsive, capable and efficient, but also to identify their owner as one who utilizes the finest equipment available. All Ansco professional equipment is outstanding for the quality of the cabinet work and finish, the durability of construction, and the ease with which it performs its appointed task.

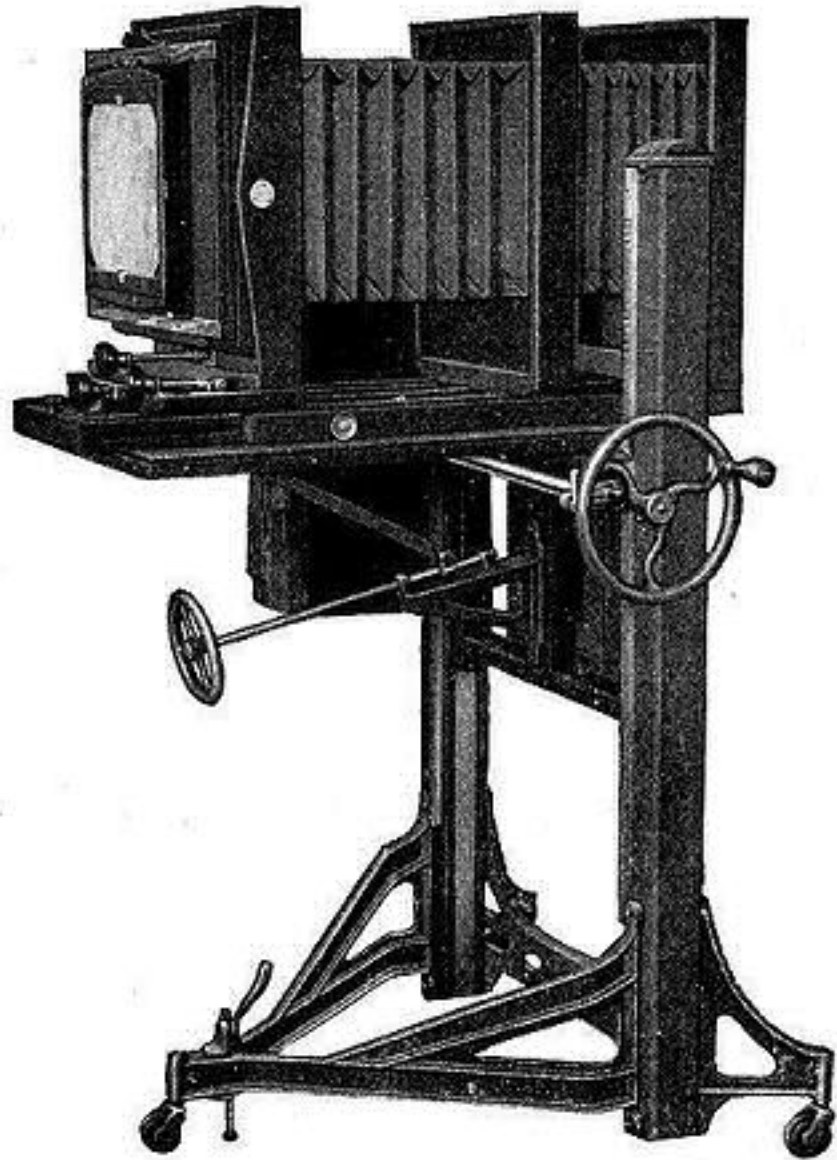
Agfa Ansco sensitized products have earned a high regard in the minds of those photographers to whom quality is paramount. Agfa Film is appreciated for portrait and commercial work because it is rich in silver, because the exclusive Agfa sensitizing dyes give orthochromatic and panchromatic sensitiveness that cannot be imitated, because it is produced in the most modern film factory in the country with a uniformity and certainty that assures dependability.

Ansco Photographic Papers together with Agfa Ansco Brovira—the marvelous high-speed enlarging paper—are supplied in grades, surfaces and weights to fulfill every photographic printing need. Together with Agfa Film and Ansco Cameras they provide the ideal working combination for fine photography.

AGFA ANSCO CORPORATION

BINGHAMTON, N. Y.

No. 5 ANSCO STUDIO OUTFIT



8 x 10

For Lenses of Long
or Short Focus

THIS outfit has proved so adaptable and so satisfactory for all classes of studio work that we have discontinued the building of other models except on special order. Photographers who have discarded other equipment for it say that it gives a new thrill to a routine operation. This is because of its complete responsiveness to the operator's need of the mo-

ment, when convenience of adjustment means so much. To this convenience are added accuracy, rigidity, and quietness of movement, with substantial construction and a richness in cabinet work and finish which is professional to the last detail.

Raising, lowering, tilting, swings, bed extension, rough and fine focusing actions—in fact, all desired features—are present, and for long-focus work the bellows has a draw of 40 inches. For such work the camera may be run forward on the platform if desired, bringing all movements within as easy reach from focusing position as when using smaller lenses that do not require so much bed extension. Equipped with reversing sliding ground glass attachment for 8 x 10 double plate or film holders, 5 x 8 diaphragm, and reversing adapter

for 5 x 7 holders, with 3½ x 5 diaphragm. Space for adapter on front of stand, so that it will not get stepped on or mislaid. Holder rack is provided also. The outfit is beautifully finished in Adam brown.

PRICES

Price complete, as described above, with one holder each 8 x 10 and 5 x 7	\$172.50
Extra holders for either plates or cut films, as desired: 8 x 10, each	3.00
5 x 7, each	2.75
Cut film holders supplied unless plate holders are specified.	
Parts separately:	
Camera only, without back or ground-glass attachment.....	\$ 62.50
Sliding ground-glass attachment	33.00
Stand	70.00
5 x 7 Adapter	15.00
Holder rack	7.00

ADAPTERS

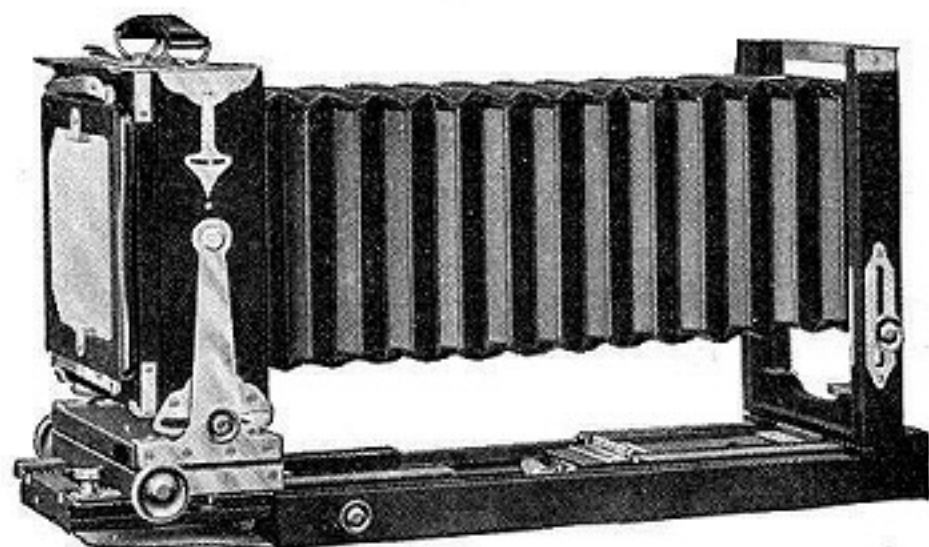
The adapters for the Ansco Studio Outfit are made to fit onto the sliding ground-glass attachment, so that holders for films or plates of smaller than 8 x 10 size may be used. These adapters are therefore different from the adapters supplied for the Universal View Cameras and Ansco Commercial Camera, the adapters for the latter being complete backs that take the place of the regular back.

One holder included with each adapter. In all cases, we supply cut-film holders unless plate holders are specified.

PRICES

5 x 7 Adapter for 8 x 10 Ansco Studio Camera (included with No. 5 Studio Outfit)	\$ 15.00
6½ x 8½ Adapter for 8 x 10 Ansco Studio Outfit, extra	16.00
Extra holders for 6½ x 8½ Adapter (see also page 8), each.....	2.75

ANSCO UNIVERSAL VIEW CAMERAS



THESE cameras have taken their place as standard portable outfits for miscellaneous indoor and outdoor professional work, being extra-strong and rigid, with features that are extremely convenient, reliable, and efficient for handling the widest variety of subjects. Available in two sizes, 5 x 7 and 8 x 10.

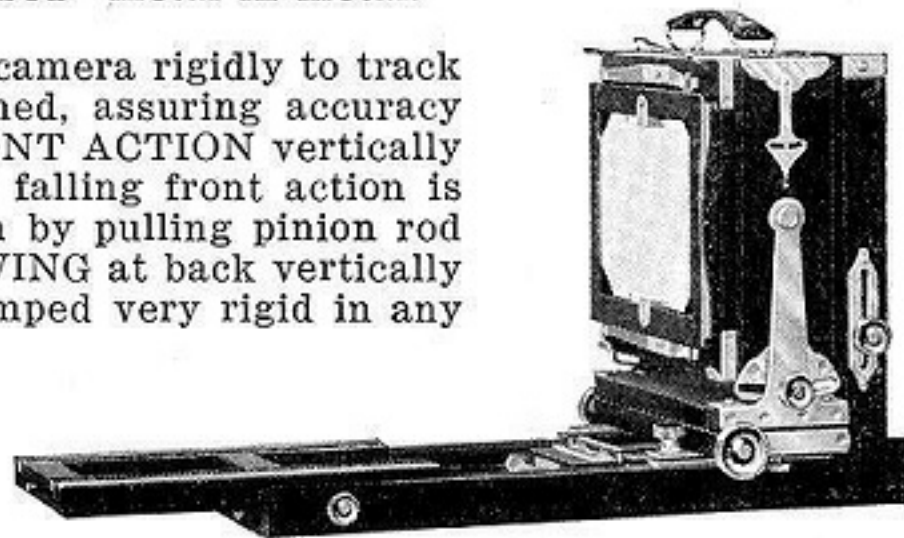
AnSCO View Cameras are Unsurpassed

ONLY the best materials have been used, the rich mahogany finish and metal-bound corners being designed not only for looks, but for wear and long use. The bellows are of black leather, lined with gossamer rubber cloth to assure durability and flexibility.

When short focus or standard lens is used, the extension bed remains rigid within main bed, and the most accurate focusing can be done without bed projecting against operator. FOCUSING by rack and pinion with large knobs from either right or left side. RUNNERS are unusually long and made of heavy brass, with machine-cut grooves that slide in metal track on bed—metal in metal.

A special device clamps camera rigidly to track when desired focus is obtained, assuring accuracy of adjustment. AMPLE FRONT ACTION vertically and horizontally; rising and falling front action is locked or unlocked on a cam by pulling pinion rod either in or out. AMPLE SWING at back vertically and horizontally; can be clamped very rigid in any position.

Camera equipped with removable sliding partition for taking two half-size pictures on a full size plate or film.



PRICE LIST OF ANSCO UNIVERSAL VIEW CAMERAS



Prices, complete with carrying case and one double holder (cut-film holder supplied unless plate holder is specified) and extra lens board:

8 x 10.....	\$75.00
5 x 7	65.00
4 x 5	65.00
3½ x 4½.....	65.00

Lens and shutter not included in above prices. Extras and accessories:

Extension cone for 8 x 10, increasing focal capacity to 32 inches \$5.00

Sliding ground-glass carriage for making two pictures on one plate, 8 x 10 or 5 x 7.....\$30.00

Focal Capacity:

Camera	Maximum	Minimum	Weight
8 x 10	26½	4	12 lbs.
5 x 7	20½	4	9 lbs.

ANSCO COMMERCIAL CAMERA

8 x 10

SIMILAR in design and construction to our Universal View Cameras, but with addition of movable front standard for front focusing when desired. Extra extension also permits use of lenses of longer focus—bellows capacity, lens board to ground glass, 36½ inches.

Minimum focal capacity, 4½ inches. Built of cherry, with Adam brown mahogany finish, semi-gloss. All metal parts of brass, polished and lacquered. Bellows of black leather lined with gossamer rubber cloth. A beautiful piece of professional equipment—the best that money can buy.

Price complete with one holder and carrying case (lens and shutter not included).....\$100.00



At right: Carrying case for AnSCO Universal View and Commercial Cameras.

ADAPTERS FOR UNIVERSAL CAMERAS AND COMMERCIAL CAMERAS

EACH of these adapters is a complete reversible back which when substituted for the regular back adapts the camera to the use of holders for a smaller size. One holder included with each adapter.

5 x 7 Adapter for 8 x 10 Universal View Camera, without case.....	\$15.00
6½ x 8½ Adapter for 8 x 10 Universal View Camera, without case.....	16.00
7 x 11 Adapter for 8 x 10 Universal View Camera, including carrying case	24.00
7 x 11 Adapter for 8 x 10 Universal View Camera, without case.....	18.00
4 x 5 Adapter for 5 x 7 Universal View Camera, without case.....	14.00
3¼ x 4½ Adapter for 4 x 5 Universal View Camera, without case.....	9.00

ANSCO PLATE AND CUT FILM HOLDERS

ANSCO HOLDERS fit all Ansco Universal View Cameras, also Ansco 8 x 10 Commercial Camera and Ansco Studio Camera and adapters for same. These holders are of the newest type with Ansco light-lock and special features for convenient loading and for keeping the film flat in the focal plane. All holders, whether for plates or cut film, load from the end. In ordering, be sure to specify whether plate holder or film holder is desired in each instance. Prices as follows:

3¼ x 4 (for lantern-slides plates, fitting same backs as 3¼x4½)	\$2.50	5 x 7	2.50
3¼ x 4½	2.50	6½ x 8½	2.75
4 x 5	2.50	7 x 11	3.00
		8 x 10	3.00

ANSCO CUT FILM HANGERS

THESE hangers are of new and very convenient type, much superior to film hangers in common use. They eliminate the slipping out of film from the hanger during the development and washing, as they have a locking device which is positive and definite. Very strong construction to stand rough usage.

5 x 7	\$.90	6½ x 8½	\$.90
8 x 10	\$1.20		

ANSCO UNIVERSAL TRIPOD STAND



THIS stand is made to support cameras of professional size for both indoor and outdoor work, also for use in connection with motion-picture cameras and projectors. It embodies all desirable adjustments for change of viewpoint and position and for convenient manipulation of the camera.

A feature found in no other stand is the raising and lowering device at the center post. This not only permits the level of the camera to be changed as readily as the focus, but automatically holds it at the selected height, without the necessity of a set-screw adjustment.

The revolving top is another feature. It revolves freely by means of telescoping aluminum drums, giving secure bearing surface, and may be tilted to any angle up to an exact perpendicular for vertical use of the camera in photographing small objects.

For working in restricted space, the triple leg-brace action may be raised, and if desired, locked. The legs are thus held close together, yet rigid. Wood and metal work is the best throughout. Portable and convenient. Illustrated with Universal View Camera on page 5. Price \$25.00.

ANSCO UTILITY TRIPOD

A PROFESSIONAL tripod of dependable rigidity and strength for use with all view and other professional cameras. Stands like a rock; secure against wind vibrations.

Maximum extension, top to tip of leg, a trifle under 60 inches. Minimum extension, 41½ inches. Diameter of top, 7½ inches. Length of legs folded, 24 inches. Price \$17.50.



ANSCO 11 x 14 PROFESSIONAL PRINTER

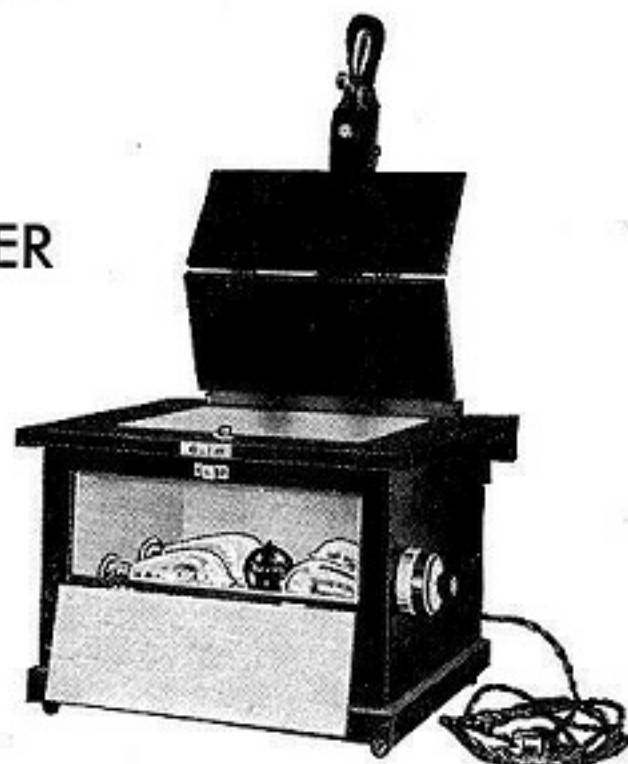


THIS is a full-size printer with legs and drop-leaf table arms. In use in the best studios. Has all desirable features, and is very substantial. Will take paper up to 14 x 17 size. Free light opening about 13 x 15. Heavy plate glass and ground glass. Spring tension assures perfect contact. Supplied without lamps (100-watt recommended), which may be purchased locally to better advantage. Price, \$70.00.

ANSCO

8 x 10 PROFESSIONAL PRINTER

EQUAL in quality and performance to the 11 x 14 Printer, but of smaller size and supplied without legs and side extensions. Quarter-inch plate glass and one ground glass. Lamps included. Price, \$40.00.



ANSCO 5 x 7 PRINTER

THIS inexpensive printer makes very useful supplementary equipment in any studio. Strong and rigid, professionally finished. Uses standard 40-watt lamp, not included. Lower window provides ruby safelight for developing plates, and orange light for developing prints. Price \$15.00.



ANSCO FILM CLIP

A heavy clip with wide jaws, durable and convenient for suspending films in developing and drying. \$.20.

AGFA FLASHLIGHT EQUIPMENT

EDISON PHOTOFLASH LAMP



PROFESSIONALS and amateurs everywhere have accepted this new method of flashlight photography—the Edison photoflash lamp. The entire flash takes place inside the bulb. All smoke, odor, and noise are eliminated. It is used conveniently and very effectively with the Agfa Anso Photoflash Reflector Holder.

Edison Photoflash lamp, each.....\$.25
Agfa Anso Reflector Holder (without batteries)80

AGFA FLASHLIGHT POWDER

GIVES a broad, intense, soft light for ample exposure when and where you want it. It is of the highest actinic value, and the nearest approach to a noiseless, smokeless, flashlight powder prepared. Widely used on difficult professional subjects. Agfa Flashlight Powder gives a light of high actinic value and color especially suitable for orthochromatic materials.

PRICES

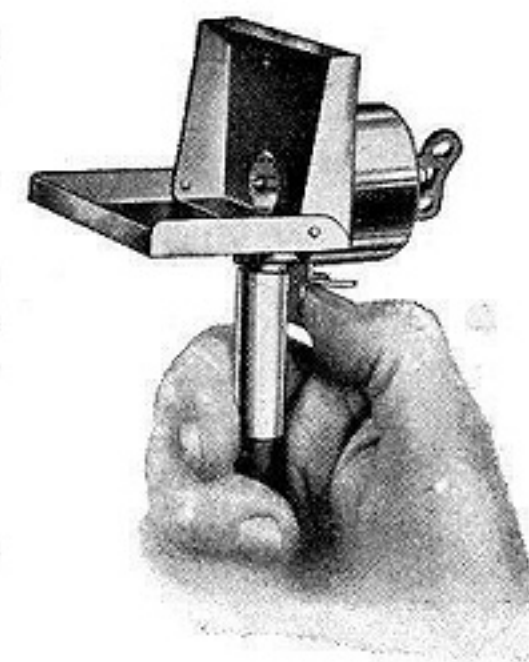
5 grams	\$.25	100 grams	\$2.10
10 grams .....	.45	Also flashlight capsules:	
25 grams .....	.90	Box of 6	1.20
50 grams	1.40	Box of 10	1.50

AGFA FLASHLIGHT LAMP

THE Agfa Flash lamp is a small, compact, sturdy unit, giving dependable results. It is fitted with a clockspring movement released by a trigger on the handle which assures ignition at all times.

The Agfa Professional Flashlamp (12 inch pan) comes complete with folding metal stand, cable release, and other accessories packed in compact, sturdy carrying case.

Agfa Flashlamp, as illustrated.....\$2.50
Stand and Wire release..... 1.00
Agfa Professional Flashlamp.....10.00
Sparking Metal (3 in envelope), per envelope25



AGFA ALL-WEATHER FILM

STANDARD AND PLENACHROME



AGFA All-Weather film is available in two types—Standard and Plenachrome. Agfa Standard film has earned a wonderful reputation for getting good pictures under average conditions.

Agfa Plenachrome Film is the original high-speed, chrome-type film that gets the best possible picture under all conditions—sunny, cloudy, and even rainy days, and earlier and later in the day.

Its speed is twice that of Agfa Standard film in ordinary daylight, and three times the speed of Standard film in the yellowish golden light of afternoon. Agfa Plenachrome film is highly orthochromatic, truly rendering in blacks, whites and tones the greens and yellows so prevalent in nature. The latitude is unusually wide, safeguarding against underexposure and overexposure, while a special anti-halation backing provides for crystal clear details in both highlights and shadows.

Plenachrome is equally good for landscapes, groups and photoflash pictures, indoors and out. In fact, it is ideally suited for the entire range of photographic subjects.

Every roll of Agfa film, both Standard and Plenachrome, carries the remarkable guarantee, "Pictures that satisfy or a new film free."



PRICE LIST OF AGFA ALL-WEATHER ROLL FILM

Agfa No.	Same Size as	Size of Picture	No. of Exposures	Price Plenachrome	Standard
A8	127	1 7/8 x 2 1/2	8	\$.30	\$.25
B1	117	2 1/4 x 2 1/4	6	.25	.20
B2	120	2 1/4 x 3 1/4	6	.25	.20
B2	120	2 1/4 x 3 1/4	8	.30	.25
D6	116	2 1/2 x 4 1/4	6	.30	.25
D6	116	2 1/2 x 4 1/4	8	.35	.30
E6	118	3 1/4 x 4 1/4	6	.55	.45
F6	124	3 1/4 x 4 1/4	6	.55	.45
M6	130	2 7/8 x 4 7/8	6	.55	.45
G6	122	3 1/4 x 5 1/2	6	.65	.55
G10	122	3 1/4 x 5 1/2	10	—	.90
Memo Film			50	—	.50

Sizes Less Frequently Called For

0-6	128	1 1/2 x 2 1/4	6	\$.20
AB-6	121	1 7/8 x 2 1/2	6	.20
N-6	129	2 x 3	6	.25
C-6	105	2 1/4 x 3 1/4	6	.25
H-6	101	3 1/2 x 3 1/2	6	.35
J-6	123	4 x 5	6	.55
K-6	103	4 x 5	6	.55
L-6	104	5 x 4	6	.55

AGFA FILM PACKS

AGFA Film packs are available in both Standard and Plenachrome films, but Plenachrome has proved so popular that the Standard grade is being discontinued as soon as present stocks are exhausted. The packs are entirely of metal and the films lie flat. The exposed films are easily removed without destroying the pack. Each pack contains 12 films.

PRICE LIST

Picture Size	Same Size	No. Packs in Carton	Same Size as No.	Price per Pack Plenachrome	Price per Pack Standard
1 3/4 x 2 3/8 in.	4.5 x 6 cm.	20	500	\$.40	\$.35
1 3/4 x 4 1/4 in.	4.5 x 10.7	10	540	—	.55
2 1/4 x 3 1/4 in.	6 x 9	10	520	.60	.50
2 1/2 x 4 1/4 in.	6.5 x 11	10	516	.70	.60
2 3/4 x 5 in.	6 x 13	10	—	—	.90
3 x 5 1/4 in.	7.5 x 13.5	10	542	—	1.00
3 1/4 x 4 1/4 in.	8 x 10.5	10	518	1.10	.90
3 1/2 x 4 3/4 in.	9 x 12	10	541	1.20	1.00
3 3/4 x 5 1/2 in.	8 x 14	10	522	1.30	1.10
4 x 6 in.	10 x 15	10	543	1.60	1.35
4 x 5 in.	10 x 12.5	10	523	1.30	1.10
5 x 7 in.	13 x 18	10	515	2.30	1.90

AGFA ANSCO

TESTED PHOTOGRAPHIC CHEMICALS

DEVELOPING AGENTS

Agfa Metol

Most famous of all. Of great strength, for developing baths that will work longer without exhaustion. Prices:

1 oz. bottle	\$.53
¼ lb. bottle	1.55
½ lb. bottle	2.91
1 lb. bottle	5.55
5 lb. can	27.00
25 lb. drum	167.00

Agfa Ansco Hydroquinone

Agfa Ansco Hydroquinone is specially refined and purified for energetic clear-working action. A pure white Hydroquinone of rapid solubility. Prices:

1 oz. can	\$.20
¼ lb. can .....	.58
½ lb. can	1.08
1 lb. can	2.10
5 lb. can	10.33
25 lb. can	48.75

Agfa Ansco Pyro (Crystals)

Absolutely permanent, and dissolves into a perfectly clear solution. Without the "dust" which can cause so much trouble in the darkroom. Prices:

1 oz. bottle	\$.35
¼ lb. bottle .....	.82
1 lb. bottle	2.80
5 lb. can	13.55
25 lb. drum	62.50

Agfa Glycin

Non-fogging, for plates and films especially. Celebrated for clearness and delicacy in details. Prices:

1 oz. bottle	\$.60
¼ lb. bottle	2.00
½ lb. bottle	3.75
1 lb. bottle	7.00
5 lb. can	34.00

Agfa Amidol

Unexcelled for blue-black tones. Requiring no carbonate, it is very useful in avoidance of frill and hot-weather troubles, also where skin is sensitive to alkalies.

1 oz. bottle	\$.60
4 oz. bottle	2.00
8 oz. bottle	3.75
1 lb. bottle	7.00
5 lb. can	34.00

Agfa Rodinal (Solution)

A highly concentrated developer complete in one solution. For use, simply dilute with water. Easy to handle, and suitable for all kinds of plates and films. Prices:

3 oz. bottle	\$.60
8 oz. bottle	1.10
16 oz. bottle	2.00

"PREPARED" CHEMICALS AND SPECIALTIES

Developers and hypo in this list are already compounded by formula but in dry form, ready for use when dissolved in water according to directions on container. Other items are specialties the use of which is generally understood.

Anso M-Q Developer Tubes

Each tube for 8 oz. solution for films, plates, and paper.

5-tube carton (glass tubes)	\$.30
100-tube counter box (glass tubes)	6.00

Agfa Copper Intensifier

(powder)

50 gram bottle	\$.65
10 tube box	1.10

Agfa Reducer

4 oz.	\$.70
Box of 10 tubes	1.00

Memo Positive Film Developer

In tubes making 16 oz. solution.

1 tube	\$.15
7-tube carton	1.00

Agfa Ansco Acid Hypo

1 lb. carton	\$.25
½ lb. carton .....	.15

Agfa Rapid Fixing Salt

Size 1, 80 grams	\$.15
Size 2, 200 grams35
Size 3, 400 grams55

Neutral Toning and Fixing Salt

Per tin	\$.50
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Agfa Intensifier

(Liquid mercury preparation)

2 oz.	\$.40
4 oz.60
8 oz.	1.00
16 oz.	1.50

Flemish-Gold Toner

A new toner for standard and platinum gold tones on Cyko and other Agfa Ansco papers. A cold-bath process of rapid action and good keeping qualities.

Large tube making sufficient toner for several hundred 5 x 7 prints\$ 1.00

New Coccine

(A Retouching Medium)

A red dye soluble in water. Has the property of coloring gelatine uniformly without staining, with the further advantage that it may be reduced or entirely washed out of the negative with water. Applied in watery solution with a camel-hair brush, it is useful for covering large or small parts of the shadows in order to equalize the lights and shades of the negative. Whole backgrounds may be lightened up, and points of light applied of any required density.

10-gram bottle\$ 1.00

OTHER CHEMICALS IN BULK

Citric Acid

1 oz. bottle	\$.20
¼ lb. bottle38
1 lb. bottle	1.02

Formaldehyde 40%

1 lb. bottle	\$.50
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Glacial Acetic Acid

We recommend the use of Glacial Acetic Acid exclusively. It is easily reduced to 28% by adding 8 parts of water to 3 parts of acid. Prices:

1 lb. bottle	\$.40
5 lb. bottle	1.50
100 lb. carboy.....	Quotations on request.

Gold Chloride

15 grain bottle	\$ 1.00
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Oxalic Acid

1 oz. bottle	\$.18
¼ lb. bottle25
1 lb. bottle60

Potassium Alum (Granular)

Free-running, and dissolves quickly into solution without caking. Prices:

1 lb. can	\$.21
5 lb. can .....	.83
25 lb. can	3.40
100 lb. drum	12.00

Potassium Bromide (Crystals)

1 oz. bottle	\$.15
¼ lb. bottle .....	.30
1 lb. bottle .....	.80
5 lb. can	3.30

Potassium Bromide (Granular)

1 oz. carton	\$.12
¼ lb. can .....	.25
½ lb. can .....	.40
1 lb. can .....	.70
5 lb. can	3.30

Potassium Carbonate

1 lb. can	\$.40
5 lb. can	1.35

Potassium Chrome Alum (Granular)

1 lb. can	\$.25
5 lb. can	1.00
25 lb. drum	4.25

Potassium Ferricyanide

1 oz. bottle	\$.18
¼ lb. bottle .....	.40

Potassium Iodide

1 oz. bottle	\$.53
¼ lb. bottle	1.65

Potassium Metabisulphite

1 lb. bottle	\$.50
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Potassium Permanganate

1 oz. bottle	\$.20
¼ lb. bottle25

Silver Nitrate

1 oz. bottle	Market Price
¼ lb. bottle	" "
1 lb. bottle	" "

Sodium Bisulphite

1 lb. can	\$.25
5 lb. can	1.00

Sodium Carbonate (Monohydrated)

Monohydrated carbonate is now preferred because it keeps indefinitely without changing its strength. It is also free-running and dissolves quickly into a clear solution. Prices:

1 lb. can	\$.20
5 lb. can .....	.68
25 lb. drum	2.85
100 lb. drum	9.00
400 lb. barrel.....	Quotations on request.

Sodium Sulphide

1 oz. bottle	\$.15
¼ lb. bottle .....	.28
1 lb. bottle .....	.65

Sodium Sulphite (Anhydrous)

Much superior to the dried powdered form. Our Sulphite will not cake or crystalize when dissolving, and retains its strength. Prices:

1 lb. can	\$.22
5 lb. can .....	.96
25 lb. drum	4.30
100 lb. drum	18.00
350 lb. barrel.....	Quotations on request.

Sodium Thiosulphate (Hypo) Pea Crystal or Granular

Always clean. Does not cake up in the keg. Packed in 5, 10, and 25 lb. lots, 100 lb. keg or bag, 200 lb. bag and 350 lb. barrel at market prices. 1 lb. package\$.15
Larger quantities at market prices.

Above prices for bulk chemicals apply at date of publication in eastern territories, prices west of the Mississippi being higher on some items, and all prices being subject to change without notice. Prices on bulk chemicals change up or down more frequently than prices of other photographic supplies.

PINACRYPTOL GREEN AND YELLOW DESENSITIZERS

THESE famous Agfa desensitizers enable the photographer to develop his plates and films in bright yellow light, thus controlling the quality of his negatives with greater certainty and eliminating eye-strain from the use of the deep red or green safelights.

General Explanation

The exposed plate is immersed in the desensitizing solution, which, without modifying the exposure already made, causes the emulsion to become much less sensitive to further exposure, so that a much brighter light than otherwise can be used in developing.

PINACRYPTOL GREEN

Preparation of Concentrated Stock Solution

Dissolve one gram (15 2/5 grains) of Pinacryptol Green crystals in 500 ccm. (one pint) warm water. Keep this concentrated stock solution in the dark. It is referred to as the 1:500 solution.

The Dilute Solution and Its Use

To one part concentrated stock solution (1:500 solution above) add 10 parts cold water, and in this dilute solution immerse the exposed plate for 2 minutes. This should be done in total darkness. The film or plate, unless of panchromatic type, may then be transferred in darkness to developer and developing conducted by yellow light (such as is safe for slow developing papers like Noko and Professional Cyko). About 10 dozen 5 x 7 plates or films can be desensitized with 32 oz. of the dilute solution.

Use With Panchromatic Plates

For Panchromatic plates a slightly stronger solution is used—3 parts concentrated solution (1:500) to 20 parts cold water—and development is by bright red light such as would be used for bromide paper instead of by yellow light.

PINACRYPTOL YELLOW

While somewhat more costly, because it must be used in a greater concentration, Pinacryptol Yellow is specially recommended for Agfa Color Plates, and some prefer it for panchromatic emulsions in general. Its solution is almost colorless, so that it cannot stain in the slightest degree. To prepare, dissolve one gram Pinacryptol Yellow Crystals in 1000 ccm. (approximately 1 quart) boiling water. When cold, use at 65° Fahrenheit without further dilution, but otherwise in the same manner as Pinacryptol Green.

Immersion in the Pinacryptol Yellow solution is for 2 minutes, after which development may be conducted by clear red light, as used for bromide paper.

PRICE LIST

<i>Pinacryptol Green</i>		<i>Pinacryptol Yellow</i>	
1 gram (15 2/5 grains)	\$ 1.60	1 gram	\$ 1.20
2 grams	2.75	2 grams	2.20
5 grams	6.50	5 grams	5.00
10 grams	12.00	10 grams	10.00

The above are dry powdered. Pinacryptol Green is also supplied as a concentrated stock solution (1:500) in bottles containing 100 ccm. for dilution to about one quart ready for use at, per bottle, \$1.00.

COLOR PHOTOGRAPHY WITH AGFA COLOR PLATES

The Sure, Simple, Inexpensive Process for Making Photographs in Natural Colors

IT IS mistakenly supposed by many that color photography is so highly technical and difficult as to require much specialized knowledge and skill to obtain satisfactory results, also that it is very expensive. On the contrary, if Agfa Color Plates are used, color photography is decidedly a simple matter, calls for practically no special equipment, and is remarkably inexpensive. For these reasons, and because of the very fine results obtained so easily, Agfa Color Plates have become a standard material in steady demand for all kinds of photography in which recording of the subject in its original colors photographically is of interest or importance.

The Process Explained

Color photography with Agfa Color Plates is based on incorporation in the plate of a delicate screen in perfect color balance through which the light passes before it strikes the sensitive emulsion. In use, the plate is placed in the holder with the glass side towards the lens. The light thus passes through the color screen in the plate before it strikes the panchromatic emulsion. The plate is then developed, but instead of being fixed is now reversed and redeveloped, as in amateur movies. A short rinse and drying then follow, and the color plate is ready. When viewed by transmitted light, it is seen to be a beautiful photographic transparency in the natural colors of the original subject.

About two-thirds of the Agfa Color Plates sold are in projection sizes, particularly the standard lantern-slide size, for the plates have been found invaluable in the scientific professions and in those branches of teaching which concern themselves with subjects in which color is a factor—forestry, horticulture, various other agricultural branches, geology, photomicrography in connection with all scientific activities, medicine and surgery (particularly for autopsy records, clinical photography, including operations, pathological conditions, skin conditions, oral surgery, etc.); also in the arts for photographing pottery, rugs, museum pieces, paintings, and the like. It has been found quite obviously that the distinctions in color which an Agfa Color Plate photograph permits provide a record which is unmistakable in what it tells, being in many important instances a vast improvement over the finest black and white photograph, which may be misinterpreted.

The field for Agfa Color Plates in travel photography, expedition work, industrial records, and in innumerable commercial photographic jobs has become recognized more definitely each year, and the use for such purposes is extending steadily.

All such uses have been greatly stimulated by the provision of new projection equipment which permits the projection of small-size plates

efficiently and safely with fine illumination before audiences of considerable size, as well as before smaller groups, and Agfa Color Plates have therefore come to be adopted more and more for important lecture work in which a screen presentation of distinction is particularly desired.

Professional Portraiture

Professional and commercial photographers have, generally speaking, let the advanced individual worker and scientific photographer far outstrip them in the use of Agfa Color Plates, but professional photographers who have given some attention to Agfa Color Plates find that it is not at all difficult to sell at a very good price an Agfa Color Plate in 5 x 7 or 8 x 10 size, together with a Colorscope for showing this, when making sittings for black-and-white portraiture.

A Worth-While Specialty for the Amateur

Color photography as a specialty for the amateur photographer yields rich rewards. The exposure of a few plates with a 6.5 x 9 or 9 x 12 cm. plate camera each week through the year, with an extra allowance for vacations and trips, results in a beautiful collection which never fails to please. Portraiture, still-life, flowers, gardens, landscapes, marines, travel views—there is no limit to the list of suitable subjects—and each new color plate is another gem for the collection.

Any Plate Camera Can be Used

Any plate camera can be used. The only accessory equipment required is one or more Agfa Color Plate filters, as indicated in the list on the following page. Usually the three daylight filters are purchased, also the No. 29 filter for flashlight work. Incidentally, the introduction of Photoflash has greatly increased the convenience and has substantially increased the field for color-plate photography.

Length of Exposure

Agfa Color Plates require only 30 times the normal exposure for standard black and white material. That is, if the exposure for standard Agfa roll film or film pack with a given diaphragm opening is 1/30 second, then with Agfa Color plates the normal exposure will be 1 second. If Plenachrome roll film and film pack are taken for comparison, the factor is 1:60.

Further details as to the Agfa Color Plate process, including instructions for use and manipulation, will be found in the Agfa Color Plate handbook, a copy of which will be sent to anyone interested on request.

Agfa Color Plates come in boxes of four plates each, in sizes indicated below. Sizes in greatest demand are featured in bold face type.

Inch Sizes	Per Box	Inch Sizes	Per Box	Centimeter Sizes	Per Box	Centimeter Sizes	Per Box
2½ x 3½	\$1.25	5 x 7	4.40	4.5 x 6	\$.75	6 x 13	1.80
3½ x 4	1.90	6½ x 8½	7.00	4.5 x 10.7	1.25	9 x 12	2.50
3½ x 4½	2.00	8 x 10	10.70	6.5 x 9	1.30	10 x 15	3.10
3½ x 5½	2.70	11 x 14	22.00				
4 x 5	2.80						

AGFA COLOR PLATE FILTERS

These are necessary for exposure. Filters are supplied by number and size. Numbers are as follows:

No. 20 Normal, for white daylight.

No. 21 Strong, for sunny winter landscapes, very blue skies, etc.

No. 22 Weak, for paintings and general indoor work (in daylight).

No. 29 for use with Agfa Flashlight and Photoflash bulbs.

No. 31 for use with white Arc Light.

No. 20 and 21 may be used for high-intensity studio arc light (20 amperes or more).

No filter required for *white nitrogen lamp*.

Each of the above numbers is supplied in the following sizes, at prices indicated:

		Price Per Filter Only	Suitable Holder
<i>Square Style</i>			
30 x 30 mm.	1 3/16 x 1 3/16 in.	\$.60	\$.95
45 x 45 mm.	1 3/4 x 1 3/4 in.	.85	1.20
60 x 60 mm.	2 3/8 x 2 3/8 in.	1.50	1.35
75 x 75 mm.	3 x 3 in.	2.35	2.00
90 x 90 mm.	3 1/2 x 3 1/2 in.	3.20	2.70
120 x 120 mm.	4 3/4 x 4 3/4 in.	6.00	5.00
<i>Round Style</i>			
	<i>Diameter</i>	Filter Only	Suitable Holder
18-19 mm.	3/4 in.	\$.65	\$.60
30-31 mm.	1 1/4 in.	.80	.90
39-40 mm.	1 1/2 in.	1.25	1.00
50-51 mm.	2 in.	2.00	1.20
64-65 mm.	2 1/2 in.	3.60	1.60
90 mm.	3 1/2 in.	5.50	
120 mm.	4 3/4 in.	9.00	

In ordering, state number, style (square or round), size, and whether filter only is desired or whether holder for size indicated is desired also. For filters of same size, one holder only is required. See table on page 22 for sizes of lens barrels fitted.

Daylight Filter Set in Special Case

This is a pocket case with the three daylight filters Nos. 20, 21, and 22 (square style) in one compartment and the holder for them in another. Very convenient and attractive. The complete unit for the price of filters and holder. No cases separately.

Price with filters 45 x 45 mm. \$3.75 Price with filters 60 x 60 mm. \$5.85

Agfa Safelight Glass No. 103

Essential as the correct, safe safe-light for dark-room illumination with Agfa Color Plates.	10 x 15 cm.	4 x 6 in.	.85
	13 x 18 cm.	5 x 7 in.	1.30
	16 x 21 cm.	6½ x 8½ in.	1.80
	9 x 12 cm.	3½ x 4¾ in.	\$.65
	18 x 24 cm.	8 x 10 in.	2.30

Developer and Reverser

Agfa Color Plate Developer—stock solution, for dilution as used with 3 parts water. Price per bottle containing about 8½ oz. \$1.10
 Agfa Reversing Bath Powders, in tubes making 500 cc. or about 17 oz. of solution, per tube \$.35
 Agfa Color Plate Developing Outfit II, comprising the above items and one bottle of varnish ready for use \$2.00
 Agfa Color Plate Varnish, 2 oz. bottle \$.50

Finishing Service on Agfa Color Plates

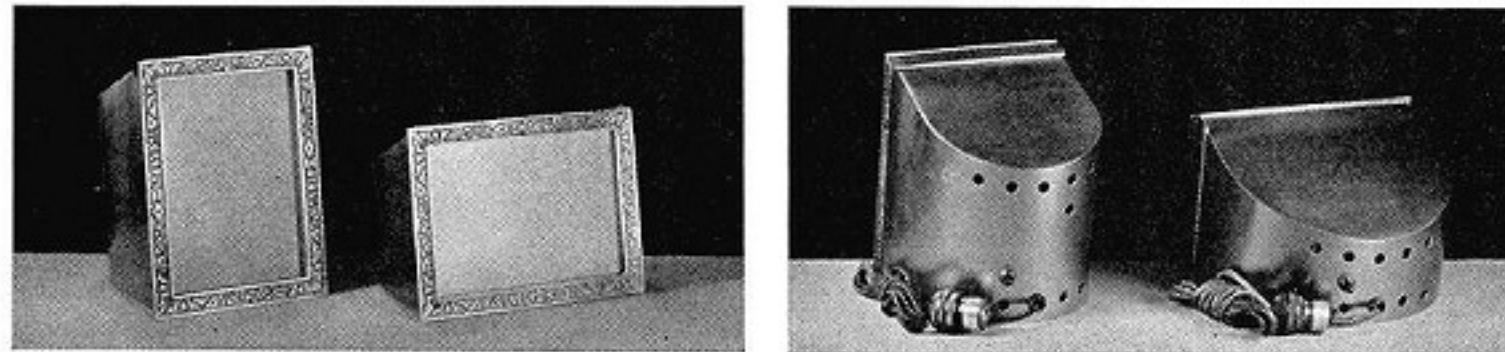
For those who do not care to do the work themselves we will develop and finish Agfa Color Plates at our laboratories in Binghamton, N. Y., at prices indicated below. Plates should be carefully repacked in original boxes, emulsion side protected by black card as used in holder, and mailed as soon as is practical after exposure to Agfa Ansco Corporation, Binghamton, N. Y., marked for attention of Finishing Department. When sending write us a letter of explanation.

Size	Price Per Plate		Size	Price Per Plate	
	Developing Only	Developing and Mounting		Developing Only	Developing and Mounting
2½ x 3½ in., 6½ x 9 cm.	\$.20	\$.40	5 x 7 in.	\$.50	\$.85
4.5 x 10.7, 4.5 x 6 cm.			6½ x 8½ in.	.75	1.20
3½ x 4, 3½ x 4½ in.	.25	.50	8 x 10 in.	1.25	2.00
6 x 13, 9 x 12 cm.			11 x 14 in.	2.00	3.00
3½ x 5½, 4 x 5 in.	.30	.60	Mounted with ground glass, 50% increase over price for Developing and Mounting.		
10 x 15 cm.					

Diascopes

These are viewing frames, similar in general design to retouching frames used in studios. The color plate is inserted, the easel adjusted to the desired angle with relation to table-lamp, and the picture is then viewed on the mirror. Finished in black. Priced as follows:

For 3½ x 4½ Color Plates, each \$3.50 For 5 x 7 Color Plates, each 4.50
 For 8 x 10 Color Plates, each \$6.25



COLORSCOPES for Agfa Color Plates may also be used for black-and-white transparencies. Beautifully made in bronze finish, with snap switch and cord. Supplied in 5 x 7 and 8 x 10 both vertical and horizontal, as desired. For use on any 110-120 volt current. Ground glass included. New low prices, either size or style, \$8 retail list.

AGFA LIGHT FILTERS AND SAFELIGHT GLASSES

FOR a true monochrome rendering of subjects in which color is an important factor—as in landscapes, flower pictures, paintings, and innumerable commercial and scientific subjects—the filters here listed in combination with the appropriate Agfa plate or film will be found to give very fine results. The list also includes three-color and four-color filters for color separation work, graduated filters for compensation of light-contrasts between upper and lower part of the picture, and safelight glasses for use with the various types of emulsions in the darkroom.

AGFA YELLOW FILTERS

For true representation of light-values in black-and-white photography on orthochromatic and panchromatic plates and films.

No. 0. Rapid Yellow Filter—absorbs blue to a slight extent, effecting a distinct improvement in the distant parts of a subject without appreciably prolonging exposure.

No. 1. Extra-light Yellow Filter—brings out yellowish-green colors to a considerable degree, so that blue, yellow and green appear about equally dark. Necessitates only slight increase in exposure with panchromatic material, approximately double exposure with orthochromatic material. This filter is designed for instantaneous exposures in portraiture and landscape work.

No. 2. Light Yellow Filter—renders blue darker than yellow, and is recommended for good color correction in landscape and mountain photography. The filter for general use. Necessitates double exposure with panchromatic, approximately three times with ortho.

No. 3. Medium Yellow Filter—gives correct tone rendering in landscape work and copying of paintings. Necessitates for most subjects 3 times normal exposure in the case of "pan," about 5 times with ortho.

No. 4. Deep Yellow Filter—for landscapes and paintings containing much blue; also for open views with pronounced blue haze. Blue is rendered quite dark. Necessitates 3 times normal exposure with pan, 6 times with ortho.

No. 5. Orange Filter — is similar in its effect to No. 4, but brings out red when used with panchromatic plates. Multiplying factor 3 to 4 with "pan," 8 with ortho.

Factors given are average, for plates and films of high orthochromatic quality. More specific information on request.

How to Select the Correct Size of Agfa Filter and Filter Holder to Fit Your Lens

Agfa Filters and Filter Holders are supplied in two styles, square and round. The square style, if available in a suitable size to fit the lens, is generally preferred, sales being in the ratio of 4 to 1. It is not necessary to purchase more than one holder for a set of filter glasses of the same size, for the filters themselves are easily interchanged in the holder, and each filter is easily identified by its own number near the edge. It is, however, easier to change filters in the square holders than in the round.

The filter holder is attached quickly to the lens by means of two expansion springs actuated by a lever. The expansion range and the size of the light aperture in the holder determine which filter size to select. This information has been arranged in the table below for ready reference.

The first column gives the listed size of filter and holder. The second and third column give the maximum and minimum diameters of lens barrel which these will fit. Example: A 45 x 45 mm. square filter in a 45 x 45 mm. square filter holder is suitable for use on any lens having a barrel with a diameter not larger than 1 9/16 inches or not smaller than 7/8 inch.

The prices of the holders are the same for all types of filters,—yellow filters, color plate filters, etc. Only square holders may be used with the graduated filters. Selection for these should be based on the short dimension.

Square Style

Filter and Holder Size	Lens Diameter		Price	
	Maximum	Minimum	Filter Only	Holder Only
30 x 30 mm.	15/16 in.	13/16 in.	\$.60	\$.95
45 x 45 mm.	1 9/16 in.	7/8 in.	.85	1.20
60 x 60 mm.	2 in.	1 1/8 in.	1.50	1.35
75 x 75 mm.	2 1/2 in.	1 13/16 in.	2.35	2.00
90 x 90 mm.	2 7/8 in.	1 13/16 in.	3.20	2.70
120 x 120 mm.	3 5/8 in.	2 3/4 in.	6.00	5.00

Round Style

Filter and Holder Size	Maximum Lens Diameter	Minimum Lens Diameter	Filter Only Price	Holder Only Price
18-19 mm.	11/16 in.	5/8 in.	\$.65	\$.60
30-31 mm.	1 1/16 in.	13/16 in.	.80	.90
39-40 mm.	1 3/8 in.	15/16 in.	1.25	1.00
50-51 mm.	1 7/8 in.	1 1/4 in.	2.00	1.20
64-65 mm.	2 5/16 in.	1 7/8 in.	3.60	1.60

AGFA DARKROOM LAMP

THE most convenient lamp for darkroom illumination. Full tilting lamp mounted on substantial wood base that can be hung on wall or ceiling or rest on table. Takes 16 x 21 cm. safelite glass (about 6 1/2 x 8 1/2), not included. Complete with cord and socket, but without lamp. \$7.50.

AGFA SAFELIGHT GLASSES FOR DARK-ROOM USE

Transmit a maximum quantity of safe light, each safe-light consisting of two cemented glasses, with no paper between. A 25-watt Mazda may be used for the lamp.

No. 105 (formerly No. 100). Yellow. For Cyko, Noko, and other developing papers, also for ordinary and orthochromatic plates and films desensitized with Pinacryptol Green.

No. 107 (formerly No. 102). Red. For all extra-rapid and ultra-rapid plates and films, except panchromatic emulsions.

No. 103. Green. For Agfa Color Plates and panchromatic plates and films.

No. 108. Green. For Supersensitive panchromatic plates and films.

No. 104. Deep Orange. For Positive, ordinary Process, and X-Ray Films and Plates. Also for bromide paper, and for panchromatic emulsion which have been desensitized.

Size	Price
9 x 12 cm. (3 1/2 x 4 3/4 in.)	\$.65
10 x 15 cm. (4 x 6 in.)	.85
5 x 7 in.	1.30
16 x 21 cm. (6 1/2 x 8 1/2 in.)	1.80
8 x 10 in.	2.30

AGFA THREE-COLOR FILTERS

No. 40 Blue, No. 41 Green, and No. 42 Red, for color-separation with panchromatic plates and films (indirect color photography). Supplied in square style only. For filter holders see Agfa Yellow Filters page 29. Multiplying factors supplied upon request.

Size	Price Per Set of 3 Filters
45 x 45 mm. 1 3/4 x 1 3/4 in.	\$ 2.20
60 x 60 mm. 2 3/8 x 2 3/8 in.	4.00
75 x 75 mm. 3 x 3 in.	5.25
90 x 90 mm. 3 1/2 x 3 1/2 in.	7.00
120 x 120 mm. 4 3/4 x 4 3/4 in.	13.00

AGFA FOUR-COLOR GELATINE FILTERS

Thin sheets of gelatine, each set consisting of one No. 42 Red, one No. 41 Green, one No. 40 Blue, and one Yellow filter—the color of the yellow filter, which is for the black plate, being the same as Agfa Yellow Filter No. 3. Multiplying factors supplied upon request.

Size		Price Per Set of 4 Filters
75 x 75 mm.	3 x 3 in.	\$.80
90 x 90 mm.	3½ x 3½ in.	1.20
120 x 120 mm.	4¾ x 4¾ in.	2.10

AGFA GRADUATED FILTERS

These are of the type referred to as "sky filters," graduated from clear glass at one end to full tint at the other, for compensating strong light-contrasts between upper and lower parts of picture—ground and sky, dark foreground and light distance, etc. Supplied in Light, Medium, and Deep, by the following numbers:

No. 10 flat gradation,	light	about 2	} Multiplying factors when using Agfa Orthochromatic material
No. 11 " "	medium	" 3	
No. 12 " "	deep	" 4	
No. 15 steep gradation,	light	" 2	
No. 16 " "	medium	" 3	
No. 17 " "	deep	" 4	

The above data refer to the deep portions of the filters. The time of exposure will be according to the effect desired.

Size		Filter Only	Suitable Holder
30 x 45 mm.	1 3/16 x 1 3/4 in.	\$.85	\$.95
45 x 60 mm.	1 3/4 x 2 3/8 in.	1.20	1.20
60 x 80 mm.	2 3/8 x 3 1/8 in.	2.10	1.35
75 x 100 mm.	3 x 4 in.	3.00	2.00
90 x 120 mm.	3 1/2 x 4 3/4 in.	4.50	2.70

AGFA PLATES

For uniformity and scientific certainty in results. Glass of best quality only, in thickness most suitable to various sizes—smaller sizes thinner than large sizes. This provision takes care of requirements for metal plate holders. We do not guarantee to have in stock all sizes and grades of Agfa Plates but will obtain them for customers on special order, allowing six to eight weeks for importation.

AGFA EXTRA-RAPID PLATE

FOR good results with all kinds of subjects. High sensitivity, in conjunction with the greatest clearness and brilliancy.

Inch Sizes	Per Doz.	Centimeter Sizes	Per Doz.
3¼ x 4¼ in.	\$.82	6.5 x 9 cm.	\$.69
4 x 5 in.	1.13	9 x 12 cm.	1.07

AGFA ULTRA SPECIAL PLATE

THE ideal portrait plate, possessing extreme sensitivity with maximum latitude in exposure. Agfa Ultra Special Plate is excellent for exposures by artificial light as well as by daylight. Any developer may be used.

Inch Sizes	Per Doz.	Centimeter Sizes	Per Doz.
3¼ x 4¼ in.	\$.97	6.5 x 9 cm.	\$.75
4 x 5 in.	1.32	9 x 12 cm.	1.13

AGFA CHROMO ISOLAR PLATE

A FINE fast orthochromatic plate of the anti-halation type, ideal for landscapes, interiors, and against-the-light subjects as well as general photographic use.

The Chromo-Isolar incorporates the anti-halation coating on the emulsion side, thus further protecting against the dispersion of light rays. Any developer except Amidol can be used. Prices same as for Agfa Chromo Isorapid Plates below.

AGFA CHROMO ISORAPID PLATE

THIS plate is similar in orthochromatic and anti-halation qualities to the Agfa Chromo Isolar, but is considerably faster—an ideal extra-fast plate of maximum non-halation type for use with or without yellow filters. Amidol and Pyro developers are not recommended for this plate.

Inch Sizes	Per Doz.	Centimeter Sizes	Per Doz.
3¼ x 4¼ in.	\$1.07	6.5 x 9 cm.	\$.82
4 x 5 in.	1.50	9 x 12 cm.	1.25

AGFA PANCHROMATIC SPECIAL RAPID PLATE

THIS plate is sensitive to all colors of the spectrum, including red, and consequently must be handled only in safe dark green light (Agfa Safe-light Glass No. 103). Highly regarded for all photographic work where red in the subject is a factor to be dealt with, this plate is extensively used for all kinds of scientific work in laboratories for nature photography, and for making color-separation negatives in commercial photography and three-color reproduction work. Consult list of Agfa filters in connection with color correction and color separation with this plate.

Inch Sizes	Per Doz.	Centimeter Sizes	Per Doz.
3½ x 4½ in.	\$.97	6.5 x 9 cm.	\$.75
4 x 5 in.	1.32	9 x 12 cm.	1.13

AGFA PROCESS PLATE

A SLOW plate of very steep gradation, giving the great density in combination with perfect transparency. For making copies of line drawings, type matter, etc., and other subjects in which middletones are absent and the aim is to obtain a sharp black-and-white copy of the utmost clearness. Very sensitive for the copying of full tone originals of abnormally flat gradation. Obtainable on special order, but not carried in stock.

AGFA PROCESS PANCHROMATIC PLATE

LIKE the Agfa Process Plate, this plate has a slow emulsion of strong contrast, but differs from it in being fully sensitive to all colors of the spectrum. Extremely effective for the copying of either monochrome or multicolor line originals, or colored drawings, etc., of abnormally flat character. Obtainable on special order, but not carried in stock.

AGFA DIAPOSITIVE PLATE

For lantern-slide work

A LANTERN-SLIDE plate with an emulsion of beautifully fine grain giving special clearness in the high-lights and velvet-like transparency in the shadows. The speed is approximately that of Bromide paper.

Size	Per Doz.
3½ x 4 in.	\$.75

AGFA PORTRAIT FILM (Regular) (Both Clear Base and Matte Back)

THIS is a particularly fine, fully-orthochromatic film designed for portraiture and all photographic subjects requiring the rendering of fine detail with transparent shadows and registration in the high-lights.

The emulsion is remarkable for its sensitiveness, giving the best possible gradation of density, from the darkest shadows to the highest lights. It not only reproduces the details in the delicate shadows, but distinguishes finely between various highlights in the subject, so that the very important brilliant lights are brought out without retouching.

These properties render Agfa Portrait Film particularly valuable for portraiture under artificial light, because the emulsion utilizes the yellow rays, so plentiful in the artificial light so generally used. This also permits cutting down the length of exposure.

The gradual and uniform increase in the density means greater latitude in both exposure and development. Because of this, Agfa Portrait Film is much used for general outdoor and indoor photography as well as for portraiture.

Agfa Portrait Film has a substantial base, free from imperfections and tough yet flexible. It lies perfectly flat in the baths and after drying.

Agfa Portrait Film, Clear Base, has an absolutely clear heavy base with glossy back.

Agfa Portrait Film, Matte Back, has a matte back which is the equivalent of a fine ground-glass surface. This permits retouching on the matte side of the film without the use of retouching fluid. Backgrounds can be worked in on the matte side, using stick crayon sauce as a medium. Where etching is done, the printing quality is improved by reason of the white base. Prints from Agfa matte back films require less spotting than is the case with films on which retouching fluid is used.

The Clear Base and Matte Back emulsions are identical.

PRICES

	No. Doz. in Case	Clear Base	Matte Back
		Price Per Doz.	Price Per Doz.
3½ x 4½ in.	30	\$.65	\$.75
3½ x 5½ in.	30	.90	1.00
4 x 5 in.	30	.90	1.00
4½ x 6½ in.	30	1.30	1.45
5 x 7 in.	20	1.45	1.60
6½ x 8½ in.	12	2.20	2.45
7 x 11 in.	10	3.20	3.55
8 x 10 in.	10	3.20	3.55
11 x 14 in.	3	8.05	8.90

Case lots of Agfa Portrait and Agfa Supersensitive films will be supplied with two dozen sheet packages when specified in the order.

AGFA PORTRAIT PANCHROMATIC FILM

(Clear Base Only)

AGFA Portrait Panchromatic has a long-scale emulsion of great latitude and complete color-sensitivity throughout the entire spectrum except for a narrow band in the green region. This selective color-sensitivity affords complete color registration, even with tri-color separation filters, while at the same time giving a decided advantage in manipulation for it permits handling in the light transmitted by the No. 103 Agfa Green Safelight. Portrait Panchromatic is extensively used for commercial subjects, landscape photography, and color separation work as well as for portraiture.

Supplied in clear base only.

PRICES

No. of Doz. Price		No. of Doz. Price	
in Case Per Doz.		in Case Per Doz.	
3½ x 4½ in.	30 \$.75	6½ x 8½ in.	12 \$2.45
3½ x 5½ in.	30 1.00	7 x 11 in.	10 3.55
4 x 5 in.	30 1.00	8 x 10 in.	10 3.55
4½ x 6½ in.	30 1.45	11 x 14 in.	3 8.90
5 x 7 in.	20 1.60		

AGFA SUPERSENSITIVE PANCHROMATIC FILM

(Clear Base Only)

AGFA Supersensitive Panchromatic is the fastest, balanced panchromatic film obtainable. Aside from the beautiful scale of gradation, characteristic of all Agfa emulsions, Agfa Supersensitive Panchromatic is notable for its perfect balance of color registration, giving a superior reading in the green and yellow areas as well as high sensitivity to red. The color balance prevents over-correction when Supersensitive Pan is used without filter and increases the speed value of the emulsion when used with filter. An outstanding characteristic of Agfa Panchromatic emulsions is their freedom from "flattening out" in over exposure. Apart from its extreme speed, Agfa Supersensitive Panchromatic has all the qualities of Agfa Portrait Panchromatic film except that it must be handled in complete darkness.

PRICES

No. of Doz. Price		No. of Doz. Price	
in Case Per Doz.		in Case Per Doz.	
3½ x 4½ in.	30 \$.75	5 x 7 in.	20 \$1.60
9 x 12 cm.	30 .90	6½ x 8½ in.	12 2.45
4 x 5 in.	30 1.00	8 x 10 in.	10 3.55

AGFA SUPERSENSITIVE PLENACHROME FILM

(Clear Base Only)

EXTREMELY high sensitivity under any light condition the speed advantages of Supersensitive Panchromatic without the drawbacks loading, marking, handling in subdued red light, and development by inspection — this is what the new Agfa Supersensitive Plenachrome film gives you.

It honestly renders the delicate modeling of flesh tones without over-correcting lips and eyes. It lightens the work of the retoucher. It renders in monochrome the tones of flesh, which are not true reds but interminglings of yellow and the warmer hues.

It "builds" in the developer, yielding negatives of any desired brilliancy from a delicate softness to a strong and vigorous contrast. Its marvelous latitude, together with the possibilities of control in development, assure the utmost of printing quality in the resulting negative.

PRICES

No. of Doz. Price		No. of Doz. Price	
in Case Per Doz.		in Case Per Doz.	
3½ x 4½ in.	30 \$.75	5 x 7 in.	20 \$1.60
9 x 12 cm.	30 .90	6½ x 8½ in.	12 2.45
3½ x 5½ in.	1.00	8 x 10 in.	10 3.55
4 x 5 in.	30 1.00	7 x 11 in.	3.55
10 x 15 cm.	1.30	11 x 14 in.	8.90
4½ x 6½ in.	1.45	12 x 20 in.	13.95

AGFA COMMERCIAL ORTHOCHROMATIC FILM

(Clear Base Only)

WITH a scale of gradation slightly steeper than that of the portrait emulsions, Agfa Commercial Ortho Film finds its best use for studio work (still-life, furniture, copying, etc.) and in general commercial interior and outdoor photography where negatives of brilliance are desired. This material is outstanding for its extremely high sensitiveness to green and yellow light and is extensively used, with or without filter, for landscapes involving green trees and lawns, and for all subjects of general photography or copying of colored originals where brilliant results are desired and red correction is not a factor. Slightly slower than Agfa Portrait Film, Commercial Ortho should be developed by Agfa red Safelight No. 107, or equivalent.

Size	Price Per Doz.	Size	Price Per Doz.
3½ x 4½ in.	\$.65	6½ x 8½ in.	\$2.20
3½ x 5½ in. ....	.90	7 x 11 in.	3.20
4 x 5 in. ....	.90	8 x 10 in.	3.20
5 x 7 in.	1.45	11 x 14 in.	8.05

AGFA COMMERCIAL PANCHROMATIC FILM

(Clear Base Only)

A SURPASSINGLY beautiful commercial film sensitive to all colors of the spectrum, adjusted to the use of filters for accurate rendering of color values in their true relation. Its complete color sensitiveness also adapts it to the use of contrast filters for overcorrection as well as to color separation work with three-color and four-color separation filters. Its color sensitivity gives it high speed for both direct photographing and copying by Mazda lights. In photo-mechanical work, this film has an important place in color photogravure and rotogravure, also in indirect photo-litho. Development by Agfa Safelight No. 103 or equivalent.

Size	Price Per Doz.	Size	Price Per Doz.
3½ x 4½ in.	\$.75	6½ x 8½ in.	\$2.45
3½ x 5½ in.	1.00	7 x 11 in.	3.55
4 x 5 in.	1.00	8 x 10 in.	3.55
5 x 7 in.	1.60	11 x 14 in.	8.90

AGFA PROCESS FILM

(Clear Base Only)

A VERY fine process film, with a special clear base and clear contrasty emulsion for sharp outlines in line work without halation. For use in photo mechanical reproduction, also occasionally in commercial photographic copying for stepping up the contrast of monochrome originals (photographs, wash drawings, etc.) of abnormally flat gradation. The more general use in commercial work is for making copies of line drawings, type matter, etc., and other subjects in which middle tones are absent and with which the aim is to obtain a sharp black-and-white copy of the utmost clearness. Slow, with steep gradation.

Size	Price Per Doz.	Size	Price Per Doz.
3½ x 4½ in.	\$.65	7 x 11 in.	\$3.20
3½ x 5½ in. ....	.90	8 x 10 in.	3.20
4 x 5 in. ....	.90	11 x 14 in.	8.05
5 x 7 in.	1.45	14 x 17 in.	13.70
6½ x 8½ in.	2.20	18 x 22 in.	22.80

AGFA PROCESS PANCHROMATIC FILM

(Clear Base Only)

SIMILAR to Agfa Process Film as described above, but faster and sensitive to all colors of the spectrum. It is thus extremely effective for the copying of either monochrome or multi-color line originals or colored wash drawings, etc., of abnormally flat character. Its advantages in photo-mechanical reproduction work are obvious. Consult the list of Agfa Filters on pages 23 and 24 in connection with color correction and color separation work with this film.

This is a clear-working Panchromatic Process Film. Development is by green safelight: Agfa Safelight Glass No. 103 is recommended.

Size	Price Per Doz.	Size	Price Per Doz.
5 x 7 in.	\$1.60	8 x 10 in.	\$3.55

AGFA COMMERCIAL FILM

(Both Clear Base and Matte Back)

THIS film is selected for general copying purposes in connection with black-and-white originals of continuous tone. In photo-mechanical processes it is extremely useful for dealing with contrasty originals which must be reproduced in softer gradation. Agfa Commercial Film Matte Back is a very practical and useful film in commercial processes including rotogravure. It produces beautiful negatives and positives of great clarity and fine quality. In development Agfa Red Safelight No. 107 or equivalent should be used.

Agfa Commercial Film, Clear Base, has an absolutely clear heavy base with Glossy back.

Agfa Commercial Film, Matte Back, has a matte back which is the equivalent of a fine ground-glass surface. This permits retouching on the matte side of the film without the use of retouching fluid. The Matte Back feature is an exclusive patented Agfa process.

Size	Price Per Doz.	Size	Price Per Doz.
3½ x 4½ in.	\$.65	8 x 10 in.	\$3.20
3½ x 5½ in. ....	.90	11 x 14 in.	8.05
4 x 5 in. ....	.90	14 x 17 in.	13.70
5 x 7 in.	1.45	18 x 22 in.	22.80
6½ x 8½ in.	2.20	20 x 24 in.	27.60
7 x 11 in.	3.20		

AGFA PRINTON FILM

AGFA Printon Film is a superior material designed especially for the offset trade and for the latest improved methods of process reproduction.

It is used for (1) making original line and screen negatives, (2) contact prints from line and screen negatives or positives.

Coated on a thin base, Agfa Printon Film is non-inflammable and absolutely flat-lying. Incorporated in it are many special features perfected by the Agfa Ansco research laboratories with particular reference to the problems of the trade.

The special anti-halation coating with which the film is provided gives crystal-clear sharpness and definition of lines and dots. Agfa Printon Film negatives and positives are thus distinguished by utmost brilliancy. The absolutely flat-lying character of this film, coupled with its remarkable freedom from shrinkage and expansion, assures accuracy in register, so important in negatives and positives made with such material, and especially in multi-color work.

Agfa Printon Film has an emulsion of dependable uniformity, astonishing latitude in exposure, and excellent keeping quality. It is easy to handle and does not necessitate any special manipulation.

Accuracy in register . . . Dependable for both monochrome and multi-color work.

For full particulars and samples write to the "Agfa Ansco Phototechnical Department."

Size	Doz.	Gross	Size	Doz.	Gross
8 x 10	\$2.01	\$22.50	14 x 17	\$ 5.94	\$ 66.95
10 x 12	3.00	33.75	16 x 20	8.01	90.02
11 x 14	3.84	43.32	18 x 22	9.90	111.39
12 x 17	5.10	57.12	20 x 24	12.00	135.02

Rolls may be had in any length up to 350 feet—42 inches wide,
28c per sq. ft.

AGFA PRINTON FILM DEVELOPER

We recommend for use in all cases with this product, Agfa Printon Film developer, as per formula supplied with the film or ready-prepared in cans for one gallon of solution—price, per can.....\$.75

Larger quantities of the ready-prepared developer can be supplied upon request.

AGFA PANORAMA FILM (PLENACHROME)

Adapted for use in Cirkut Cameras and Cirkut Outfits

THIS is a very beautiful film for negatives of the finest quality in work of this character. Agfa Panorama Film is now coated with the Plenachrome emulsion, which is twice as fast as regular in ordinary daylight and three times as fast in yellowish golden light of late afternoon, when so many convention groups and scenic panoramas are taken. The emulsion is also highly orthochromatic, and very responsive to filters; and the film has a special red anti-halation back coating which disappears in development. This anti-halation feature holds all the delicate contrasts of the subject, and, with the remarkable latitude of the emulsion, makes this film ideal for all kinds of panoramic work. Each roll in a tin can and substantially boxed.

Adapted to use in Cirkut Camera No. 5.

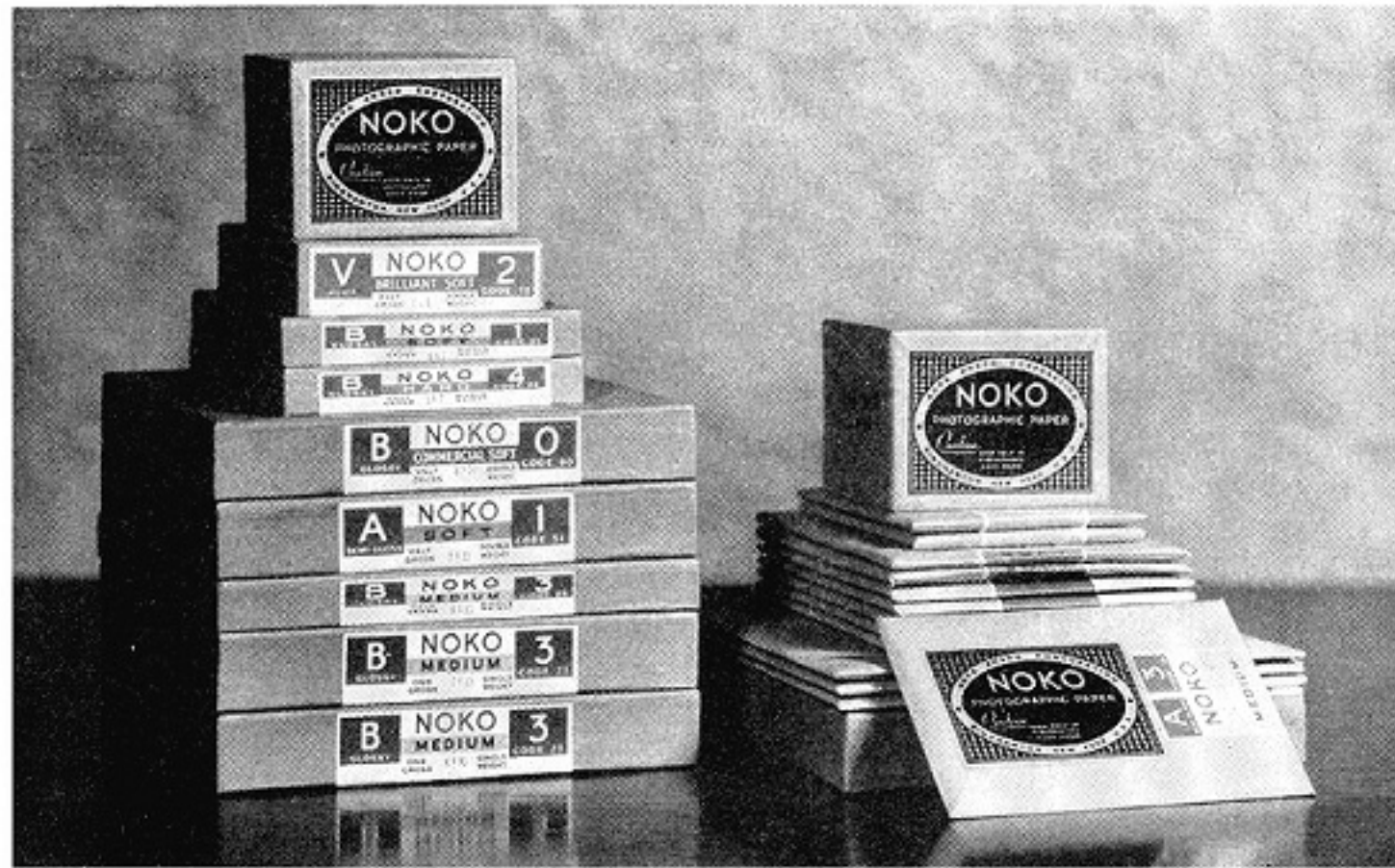
5 inches x 15 inches	.....\$ .30	5 inches x 30 inches	.....\$ .65
5 inches x 20 inches	..... .45	5 inches x 42 inches	..... .85

Adapted to use in Cirkut Cameras No. 10 and No. 16.

6 inches x 5 feet	.....\$1.45	8 inches x 20 feet	.....\$7.60
6 inches x 10 feet	..... 2.90	10 inches x 4 feet	..... 1.90
6 inches x 15 feet	..... 4.35	10 inches x 6 feet	..... 2.90
8 inches x 5 feet	..... 1.90	10 inches x 10 feet	..... 4.80
8 inches x 10 feet	..... 3.80	10 inches x 15 feet	..... 7.20
8 inches x 15 feet	..... 5.70	10 inches x 20 feet	..... 9.60

Adapted to use in Cirkut Outfits No. 6 and No. 8.

6½ inches x 3 feet	.....\$ .95	8 inches x 4 feet	.....\$1.55
6½ inches x 6 feet	..... 1.90	8 inches x 8 feet	..... 3.10
6½ inches x 10 feet	..... 3.10	8 inches x 12 feet	..... 4.65



NOKO PAPER

NOKO paper is a contact printing medium supplied in five degrees of contrast, and in a variety of surfaces to meet the quantity production needs of the photo finisher, and the exacting requirements of the commercial and amateur photographer.

The Noko emulsion has certain characteristics unmatched in any other paper. Perfect emulsion balance is combined with most remarkable latitude, and the result is the most beautiful print possible from the negative, with less need for hitting either the exposure or development time exactly on the head.

It is a tremendous time-saver. In production, the average of quality is higher, there are fewer prints to make over, and the ease of manipulation speeds up the work.

A point of great importance to photo-finishers and other large scale users is the uniformity of the rich blue-black tone throughout the different degrees of contrast, and the ease with which any degree of warmth may be obtained uniformly by selection of the suitable developer.

NOKO FOR PHOTO FINISHING AND COMMERCIAL WORK

IN ORDERING Noko, state quantity, size, letter (indicating surface), number (indicating degree of contrast) and weight, whether single or double. If weight is not stated, it will be assumed that single weight is desired. Example: 1 gross 5 x 7 Noko B No. 3 D.W.

The surfaces are as follows:

Noko A—A smooth semi-matte surface, not dull, but with a pleasing sheen. Single and Double Weights.

Noko V—Velvety texture on a pure white stock, with slight sheen. Single and Double Weights.

Noko B—A high-gloss surface for ferrotyping or Hi-Gloss Dryers. Single and Double Weights.

Noko R—Identical in surface and appearance with Noko B, but with an emulsion suited to heated Belt Dryers. Single Weight only.

NOKO FOR PORTRAIT WORK

Noko C—A smooth white portrait surface with a very slight sheen, soft and brilliant soft. Double Weight only.

Noko D—A smooth buff portrait surface with a very slight sheen, soft and brilliant soft. Double Weight only.

NOKO CODE NUMBERS

FOR the further convenience of customers, a complete system of code numbers for Noko is provided. Each code number has two digits, the first indicating surface and weight, the second the degree of contrast. For example, take code number 23. Here the 2 indicates B surface, single weight, and the 3 is the contrast number 3, indicating Medium. The code numbers appear on all Noko packages.

The code:

Degree of Contrast	Con- trast No.	Code Numbers					
		Surface A		Surface B		Surface R	
		Single Weight	Double Weight	Single Weight	Double Weight	Single Weight	Double Weight
Commercial Soft	0	10	50	20	60	30	30
Soft	1	11	51	21	61	31	31
Brilliant Soft	2	12	52	22	62	32	32
Medium	3	13	53	23	63	33	33
Hard	4	14	54	24	64	34	34

Degree of Contrast	Con- trast No.	Code Numbers			
		Surface V		Surface C Surface D	
		Single Weight	Double Weight	Double Weight	Double Weight
Commercial Soft	0	40	70	—	—
Soft	1	41	71	81	91
Brilliant Soft	2	42	72	82	92
Medium	3	43	73	—	—
Hard	4	44	74	—	—

NOKO PRICE LIST

Single Weight

Sizes	1 Doz.	2 Doz.	1/2 Gross	Gross	Sizes	1 Doz.	2 Doz.	1/2 Gross	Gross
1 1/8 x 2 3/4	\$.15			\$.50	4 1/4 x 6 1/2	.40			1.85
2 1/4 x 3 1/4	.20			.60	4 1/2 x 5 1/2	.40			1.65
2 1/2 x 3 1/2	.20			.70	4 3/4 x 6 1/2	.40			2.10
2 3/4 x 3 3/4	.20			.80	5 x 7	\$.25		\$.1.25	2.35
2 3/4 x 4 1/2	.20			.90	6 1/2 x 8 1/2	.40			2.00
3 x 4	.25			.90	7 x 10	.50			2.45
3 x 4 1/4	.25			1.05	7 x 11	.50			2.70
3 1/8 x 5 1/8	.25			1.15	7 1/2 x 9 1/2	.50			2.55
3 1/4 x 4 1/4	.25			1.00	8 x 10	.55			2.80
3 1/4 x 4 7/8	.25			1.15	8 1/2 x 11	.70			3.30
3 1/4 x 5 1/2	.25			1.25	9 x 11	.70			3.50
3 1/2 x 4 1/2	.25			1.10	10 x 12	.80			4.15
3 1/2 x 5 1/2	.30			1.35	11 x 14	1.00			5.25
3 1/2 x 5 3/4	.30			1.40	12 x 20	1.55			8.15
3 3/4 x 4 3/4	.25			1.25	14 x 17	1.50			8.00
4 x 5	.30			1.40	16 x 20	1.95			10.60
4 x 6	.35			1.60	20 x 24	2.85			15.60

Double Weight

Sizes	1 Doz.	2 Doz.	1/2 Gross	Gross	Sizes	1 Doz.	2 Doz.	1/2 Gross	Gross
1 1/8 x 2 3/4	\$.20			\$.65	4 1/4 x 6 1/2	.50			2.30
2 1/4 x 3 1/4	.25			.75	4 1/2 x 5 1/2	.50			2.05
2 1/2 x 3 1/2	.25			.90	4 3/4 x 6 1/2	.50			2.60
2 3/4 x 3 3/4	.25			1.00	5 x 7	\$.30		\$.1.55	2.95
2 3/4 x 4 1/2	.25			1.15	6 1/2 x 8 1/2	.50			2.50
3 x 4	.30			1.15	7 x 10	.65			3.05
3 x 4 1/4	.30			1.30	7 x 11	.65			3.40
3 1/8 x 5 1/8	.30			1.45	7 1/2 x 9 1/2	.65			3.20
3 1/4 x 4 1/4	.30			1.25	8 x 10	.70			3.50
3 1/4 x 4 7/8	.30			1.45	8 1/2 x 11	.90			4.15
3 1/4 x 5 1/2	.30			1.55	9 x 11	.90			4.40
3 1/2 x 4 1/2	.30			1.40	10 x 12	1.00			5.20
3 1/2 x 5 1/2	.40			1.70	11 x 14	1.25			6.55
3 1/2 x 5 3/4	.40			1.75	12 x 20	1.95			10.20
3 3/4 x 4 3/4	.30			1.55	14 x 17	1.90			10.00
4 x 5	.40			1.75	16 x 20	2.45			13.25
4 x 6	.45			2.00	20 x 24	3.55			19.50

All other sizes to be considered as special. Special sizes furnished at prices 10% greater than the next larger size for sizes up to 5 x 7, and 5% greater than the next larger listed size for sizes larger than 5 x 7.

NOKO IN ROLLS

Single Weight

Width	50 Ft.	100 Ft.	200 Ft.	250 Ft.	500 Ft.	1000 Ft.
1 1/8 in.			\$ 2.50			
1 1/8 in.					\$ 5.50	\$10.35
2 1/8 in.			3.35			
2 1/4 in.			3.30		6.45	12.05
2 1/2 in.					7.05	13.20
2 5/8 in.		\$ 1.80	3.60		7.30	13.75
2 3/4 in.		1.90			7.60	14.35
3 1/4 in.					8.75	16.60
3 3/4 in.					9.90	18.95
3 7/8 in.					10.20	19.50
4 1/2 in.					11.70	22.40
4 3/4 in.					12.25	23.55
5 in.		3.45			12.35	
6 in.	\$ 2.15	3.55			14.80	
6 1/2 in.	2.25	3.90			16.25	31.55
8 in.	2.55	4.65		\$10.30		
10 in.	3.05	5.70		12.75	24.65	49.25
		10 Yds.				
20 in.	\$ 3.55					
40 in.	6.85					

Double Weight

Width	50 Ft.	100 Ft.	200 Ft.	250 Ft.	500 Ft.	1000 Ft.
2 1/4 in.			\$ 4.80	\$ 5.20	\$ 9.50	
5 in.		\$ 4.30			14.80	
6 in.	\$ 2.60	4.40			17.80	
6 1/2 in.	2.75	4.85		11.00	20.95	
8 in.	3.15	5.80				
10 in.	3.80	7.10			29.55	\$59.10
		10 Yds.				
20 in.	\$ 4.50					
40 in.	8.70					

Special narrow width rolls will be furnished when ordered in sufficient quantities to take the full width of a roll 40 inches wide.

NOKO IN LONG ROLLS

Both Single and Double Weight

Wound on strawboard core 1 15/16" in diameter. When ordered on special core, extra charge to be made to cover cost of same.

250 ft. roll	2 splices
500 ft. roll	3 splices
1000 ft. roll	4 splices

NOKO IN PHOTO-FINISHING SIZES 500-Sheet Packages

Sizes	Single Weight	Sizes	Single Weight	Sizes	Single Weight	Double Weight
1 7/8 x 2 3/4	\$1.60	3 1/4 x 4 1/4	\$3.15	4 x 6	\$5.05	\$6.30
2 1/4 x 3 1/4	1.90	3 1/4 x 4 7/8	3.60	4 1/4 x 5 1/4	4.90	6.15
2 1/2 x 3 1/2	2.20	3 1/4 x 5 1/2	3.95	4 1/4 x 6 1/2	5.85	7.30
2 3/4 x 3 3/4	2.50	3 1/2 x 4 1/2	3.50	4 1/2 x 5 1/2	5.20	6.50
2 3/4 x 4 1/2	2.85	3 1/2 x 5 1/2	4.25	4 3/4 x 6 1/2	6.60	8.25
3 x 4	2.85	3 1/2 x 5 3/4	4.40	5 x 7	7.40	9.25
3 x 4 3/4	3.30	3 3/4 x 4 3/4	3.95			
3 1/2 x 5 1/2	3.60	4 x 5	4.40			

All other sizes to be considered as special. Special sizes up to 5x7 furnished at prices 10% greater than the next larger listed size.

NOKO C AND D FOR PORTRAITURE Double Weight Only

Sizes	1 Doz.	2 Doz.	1/2 Gross	Gross
4 x 6		\$.45		\$ 2.00
5 x 7	\$.30		\$ 1.55	2.95
6 x 10	.55		2.70	4.95
6 1/2 x 8 1/2	.50		2.50	4.55
7 x 10	.65		3.05	5.75
7 x 11	.65		3.40	6.25
8 x 10	.70		3.50	6.50
8 x 12	.90		4.25	7.90
9 x 11	.90		4.40	8.05
11 x 14	1.25		6.55	12.45

NOKOLINE The Folding Noko Paper

The Noko emulsion coated on light-weight stock. Prints may be folded for inclosure in letters, or for carrying in catalogs, wallets, etc. Much used in commercial catalog work. Semi-matte surface. Degrees of contrast same as for Noko Paper—Nos. 0, 1, 2, 3, 4.

Sizes	500 Sheet Gross Packages	Sizes	500 Sheet Gross Packages
8 x 10	\$ 5.00.....\$16.60	14 x 17	\$14.60.....\$48.50
8 1/2 x 11	6.15..... 19.45	16 x 20	19.60..... 65.15
9 x 11	6.20..... 20.60	20 x 24	29.00..... 96.45
10 x 12	7.50..... 24.95	30 x 40	74.35.....247.20
11 x 14	9.55..... 31.75	1 doz. pkg., 8 x 10 only	\$.55.

Other sizes, if listed in Noko single-weight price list, at Noko schedule. Special sizes at prices 5% greater than next larger listed size.

NOKO POST CARDS

1 Dozen	\$.20	1 Gross	1.70
2 Dozen .....	.40	500-Sheet Package	5.65
1/2 Gross .....	.90	Per Case (5,000 cards)	40.00

NOKO FOR MEMO PRINTING FRAMES

Single Weight, B surface, No. 1 and No. 3 only, 50-foot rolls.....\$.75

PROFESSIONAL CYKO PAPER

PROFESSIONAL Cyko needs no introduction. For portrait prints of professional distinction, and all other contact work requiring a medium of superior printing quality, Professional Cyko has been the standard for years.

The rich depth and beauty of the Cyko emulsion permits a rendering unmatched by other papers. The perfect emulsion balance adapts it to the widest range of portrait negatives. Its remarkable latitude and ease of control yield prints that interpret to the photographer's satisfaction the effect he had in mind when the negatives were made. Professional Cyko has a natural warmth of color, and responds splendidly to all toning treatments.

In single weight, Cyko is supplied in two surfaces only—Glossy and Velvet, the former extensively used where prints from portrait negatives are required for reproduction. In double weight is offered a wide selection of attractive surfaces, white and buff stock, to meet every requirement.

Single Weight

Code No. 143 Glossy—white.				161 Velvet—white.					
Size	1 Doz.	2 Doz.	1/2 Gross	Gross	Size	1 Doz.	2 Doz.	1/2 Gross	Gross
3 7/8 x 5 1/2	\$.50			\$ 2.40	7 x 11	\$.85		\$ 4.50	\$ 8.35
4 x 6	.60			2.65	7 1/2 x 9 1/2	.85		4.25	7.70
4 1/4 x 6 1/2	.65			3.10	8 x 10	.85		4.70	8.70
4 3/4 x 6 1/2	.65			3.50	8 x 11	1.10		5.25	9.70
5 x 7	\$.40		\$ 2.10	3.90	8 x 12	1.15		5.70	10.50
5 x 8	.50		2.50	4.50	10 x 12	1.35		6.95	13.05
5 1/2 x 7 3/4	.60		2.60	4.75	10 x 14	1.50		8.00	15.20
6 x 10	.75		3.60	6.60	11 x 14	1.65		8.75	16.60
6 1/2 x 8 1/2	.65		3.35	6.10	12 x 16	2.10		11.00	20.70
7 x 9	.75		3.75	6.95	16 x 20	3.25		17.70	34.00
7 x 10	.85		4.10	7.70					

Rolls — Single Weight

Size	Price	Size	Price
20" x 10 ft.	\$ 2.45	40" x 10 ft.	\$ 4.60
20" x 10 yds.	5.90	40" x 10 yds.	11.45

PROFESSIONAL CYKO PAPER, Double Weight

Code No.	Code No.
104 Buff—smooth, no sheen.	109 Cyltex White—rough, with interrupted sheen.
105 Plat—smooth, no sheen.	110 Cyltex Buff—rough, with interrupted sheen.
106 Studio—semi-gloss, white.	

Size	1 Doz.	2 Doz.	½ Gross	Gross	Size	1 Doz.	2 Doz.	½ Gross	Gross
3½ x 5½	\$.65			\$ 3.00	7 x 10	1.05		5.15	9.65
4 x 6	.75			3.30	7 x 11	\$1.05		\$ 5.65	\$10.45
4¼ x 6½	.80			3.90	7½ x 9½	1.05		5.30	9.65
4¾ x 6½	.80			4.40	8 x 10	1.05		5.90	10.90
5 x 7	\$.50		\$ 2.65	4.90	8 x 11	1.40		6.55	12.15
5 x 8	.65		3.15	5.65	8 x 12	1.45		7.15	13.15
5½ x 7½	.75		3.25	5.95	10 x 12	1.70		8.70	16.30
6 x 10	.95		4.50	8.25	10 x 14	1.90		10.00	19.00
6½ x 8½	.80		4.20	7.65	11 x 14	2.05		10.95	20.75
7 x 9	.95		4.70	8.70	16 x 20	4.05		22.15	42.50

All other sizes to be considered as special. Special sizes furnished at prices 10% greater than the next larger listed size for sizes up to 5 x 7, and 5% greater than the next larger listed size for sizes larger than 5 x 7.

Rolls — Double Weight

20" x 10 ft.	\$ 2.95	40" x 10 ft.	\$ 5.55
20" x 10 yds.	7.35	40" x 10 yds.	14.20

Special narrow width rolls will be furnished when ordered in sufficient quantities to take the full width of a roll 40 inches wide.

PROFESSIONAL CYKO POST CARDS

Supplied in Glossy, Studio and Plat

1 Dozen	\$.25	1 Gross	\$ 2.35
2 Dozen	.50	500-Sheet Package	7.80
½ Gross	1.20		

ENLARGING CYKO PAPER

ENLARGING Cyko is a rapid projection paper for portrait enlargements furnished in surfaces identical with Professional Cyko papers. The adaptability of Enlarging Cyko to a variety of needs will be instantly appreciated. The rougher surfaces are ideal for colored enlargements, the smooth surfaces enjoy wide use for both portrait and commercial work, and the entire line affords a selection of surfaces to meet every need for enlargements from normal negatives.

Single Weight

Code No.	Code No.
243 Glossy.	251 Velvet.

Size	1 Doz.	2 Doz.	½ Gross	Gross	Size	1 Doz.	2 Doz.	½ Gross	Gross	
4 x 6	\$.50			\$ 2.25	9 x 11	\$1.00		\$ 4.95	\$ 9.10	
5 x 7	\$.35			\$ 1.75	3.30	10 x 12	1.15		5.85	11.00
5 x 8	.40			2.10	3.80	10 x 14	1.25		6.75	12.85
6 x 8	.50			2.45	4.50	11 x 14	1.40		7.40	14.05
6 x 10	.65			3.05	5.55	12 x 15	1.70		8.75	16.50
6½ x 8½	.55			2.80	5.15	12 x 16	1.75		9.30	17.50
7 x 10	.70			3.45	6.50	12 x 17	1.85		9.80	18.55
7 x 11	.70			3.80	7.05	14 x 17	2.10		11.30	21.45
7½ x 9½	.70			3.60	6.50	16 x 20	2.75		14.95	28.70
8 x 10	.75			3.95	7.35	18 x 22	3.40		18.25	35.30
8 x 12	1.00			4.80	8.90	20 x 24	4.00		22.00	42.60

Code No.	Code No.	Code No.
203 Glossy.	207 Rough White.	209 Cyltex White.
204 Buff.	208 Rough Buff.	210 Cyltex Buff.
205 Plat.		221 Velvet.

Size	1 Doz.	2 Doz.	½ Gross	Gross	Size	1 Doz.	2 Doz.	½ Gross	Gross	
4 x 6	\$.65			\$ 2.80	9 x 11	\$1.25		\$ 6.20	\$11.40	
5 x 7	\$.45			\$ 2.20	4.15	10 x 12	1.45		7.30	13.75
5 x 8	.50			2.65	4.75	10 x 14	1.55		8.45	16.05
6 x 8	.65			3.05	5.65	11 x 14	1.75		9.25	17.55
6 x 10	.80			3.80	6.95	12 x 15	2.15		10.95	20.65
6½ x 8½	.70			3.50	6.45	12 x 16	2.20		11.65	21.90
7 x 10	.90			4.30	8.15	12 x 17	2.30		12.25	23.20
7 x 11	.90			4.75	8.80	14 x 17	2.65		14.15	26.80
7½ x 9½	.90			4.50	8.15	16 x 20	3.45		18.70	35.90
8 x 10	.95			4.95	9.20	18 x 22	4.25		22.80	44.15
8 x 12	1.25			6.00	11.15	20 x 24	5.00		27.50	53.25

All other sizes to be considered as special. Special sizes furnished at prices 10% greater than the next larger listed size for sizes up to 5 x 7, and 5% greater than the next larger listed size for sizes larger than 5 x 7.

ENLARGING CYKO PAPER (Continued)

Rolls — Single Weight

20" x 10 ft.	\$ 2.00	40" x 10 ft.	\$3.75
20" x 10 yds.	4.85	40" x 10 yds.	9.35

Special narrow width rolls will be furnished when ordered in sufficient quantities to take the full width of a roll 40 inches wide.

Rolls — Double Weight

20" x 10 ft.	\$ 2.50	40" x 10 ft.	\$ 4.75
20" x 10 yds.	6.30	40" x 10 yds.	12.15

Special narrow width rolls will be furnished when ordered in sufficient quantities to take the full width of a roll 40 inches wide.

CYKO SPECIALTY SURFACES

Enlarging Cyko and Professional Cyko

Cylko — Crystal Stipple — Porcelain Stipple

TO THOSE photographers whose clientele appreciate a surface of individuality and more than ordinary charm, these three specialty papers should appeal.

Cylko has a silk-like surface with a texture that is easy to spot because the depressions are rounded rather than sharp. It is equally effective for large and small heads, also for a wide variety of special subjects—groups, landscapes, paintings, and "DeLuxe" snapshot prints.

Crystal Stipple, with its softly gleaming reflections, gives a brilliant, scintillating effect that holds the attention. It is much favored for commercial enlargements of the better type and for colored photographs.

Porcelain Stipple, a matted surface with an individual texture, has the valuable quality of producing rich depth and roundness from wire-sharp negatives. The arresting quality of Porcelain Stipple has led to its wide adoption as a medium for pictorial compositions and portrait prints in the larger sizes.

Double Weight Only — For Contact Printing

Code No.		Code No.	
111 Professional Cylko White.		119 Professional Porcelain Stipple	
112 Professional Cylko Buff.		White.	
117 Professional Crystal Stipple		120 Professional Porcelain Stipple	
White.		Buff.	
118 Professional Crystal Stipple			
Buff.			

CYKO SPECIALTY SURFACES (Continued)

For Projection Printing

Code No.		Code No.	
211 Enlarging Cylko White.		219 Enlarging Porcelain Stipple	
212 Enlarging Cylko Buff.		White.	
217 Enlarging Crystal Stipple		220 Enlarging Porcelain Stipple	
White.		Buff.	
218 Enlarging Crystal Stipple			
Buff.			

Size	1 Doz.	½ Gross	Gross	Size	1 Doz.	½ Gross	Gross
4 x 6	\$.25	\$ 1.25	\$ 2.50	8 x 10.....	\$1.10	\$ 5.88	\$11.75
5 x 7 .....	.50	2.25	4.50	11 x 14.....	2.20	11.25	22.50
6 x 10.....	.90	4.38	8.75	12 x 17.....	2.95	14.93	29.85
7 x 11.....	1.10	5.88	11.75	16 x 20.....	4.40	23.38	46.75

INDIATONE PAPER

AGFA ANSCO Indiatone Paper introduced a new era in portraiture, permitting the photographer to make both contact prints and enlargements with the same material. Between Professional and Enlarging Cyko in speed, Indiatone may be used for contact printing by screening down the lights, or for projection with apparatus having adequate illumination. Used either way, it yields beautiful prints, and the quality by enlargement and contact is identical. Indiatone brings a new conception of natural warmth, and produces sepias and gold tones of exceptionally pleasing quality.

Double Weight Only

Code No.		Code No.	
404 Indiatone Smooth Buff.		412 Indiatone Cylko Buff.	
405 Indiatone Smooth White.		419 Indiatone Porcelain Stipple	
407 Indiatone Fabric Rough White.		White.	
408 Indiatone Fabric Rough Buff.		420 Indiatone Porcelain Stipple	
409 Indiatone Cyltex White.		Buff.	
410 Indiatone Cyltex Buff.			
411 Indiatone Cylko White.			

Size	1 Doz.	½ Gross	Gross	Size	1 Doz.	½ Gross	Gross
4 x 6 .....	.....	\$ 1.55	\$ 2.80	12 x 15.....	\$2.15	\$10.95	\$20.65
5 x 7	\$.45	2.20	4.15	12 x 17.....	2.30	12.25	23.20
6½ x 8½.....	.70	3.50	6.45	14 x 17.....	2.65	14.15	26.80
7½ x 9½.....	.90	4.50	8.15	16 x 20.....	3.45	18.70	35.90
7 x 11.....	.90	4.75	8.80	18 x 22.....	4.25	22.80	44.15
8 x 10.....	.95	4.95	9.20	20 x 24.....	5.00	27.50	53.25
11 x 14.....	1.75	9.25	17.55				

AGFA BROVIRA PAPER

PHOTOGRAPHERS who have felt in using Bromide papers that they were trying, under difficulties, to make the negative play up to its contact-print possibilities, will find in Brovira the paper they have longed for. Brovira assures enlargements with contact-print quality. It is supplied in three contrasts in commercial surfaces to meet all the varied requirements of commercial printing and amateur enlarging, and in several portrait surfaces as well. Brovira is a paper of remarkable latitude and entirely free from the smoky, hazy appearance usually associated with Bromide emulsions. Besides having great latitude in exposure and development, it will yield by direct development any desired degree of warmth from a metallic black to a red chalk. It also produces beautiful sepia tones in the usual hypo-alum bath.

Single Weight

<i>Code No.</i>				<i>Code No.</i>			
303 Glossy, soft grade.				351 Velvet, soft grade.			
353 Glossy, medium grade.				361 Velvet, medium grade.			
373 Glossy, hard grade.				381 Velvet, hard grade.			

<i>Size</i>	<i>1 Doz.</i>	<i>2 Doz.</i>	$\frac{1}{2}$ <i>Gross</i>	<i>Gross</i>	<i>Size</i>	<i>1 Doz.</i>	<i>2 Doz.</i>	$\frac{1}{2}$ <i>Gross</i>	<i>Gross</i>	
4 x 6	.....\$ .50	.....	.....	\$ 2.25	9 x 11	\$1.00	.....	.....\$ 4.95	\$ 9.10	
5 x 7	\$.35	.....	.....	1.75	3.00	10 x 12	1.15	.....	5.85	11.00
5 x 8	.40	.....	.....	2.10	3.80	10 x 14	1.25	.....	6.75	12.85
6 x 8	.50	.....	.....	2.45	4.50	11 x 14	1.40	.....	7.40	14.05
6 x 10	.65	.....	.....	3.05	5.55	12 x 15	1.70	.....	8.75	16.50
6½ x 8½	.55	.....	.....	2.80	5.15	12 x 16	1.75	.....	9.30	17.50
7 x 10	.70	.....	.....	3.45	6.50	12 x 17	1.85	.....	9.80	18.55
7 x 11	.70	.....	.....	3.80	7.05	14 x 17	2.10	.....	11.30	21.45
7½ x 9½	.70	.....	.....	3.60	6.50	16 x 20	2.75	.....	14.95	28.70
8 x 10	.75	.....	.....	3.95	7.35	18 x 22	3.40	.....	18.25	35.30
8 x 12	1.00	.....	.....	4.80	8.90	20 x 24	4.00	.....	22.00	42.60

All other sizes to be considered as special. Special sizes furnished at prices 10% greater than the next larger listed size for sizes up to 5 x 7, and 5% greater than the next larger listed size for sizes larger than 5 x 7.

Rolls

20" x 10 ft.	\$ 2.00	40" x 10 ft.	\$ 3.75
20" x 10 yds.	4.85	40" x 10 yds.	9.35

Special narrow width rolls will be furnished when ordered in sufficient quantities to take the full width of a roll 40 inches wide.

AGFA BROVIRA PAPER

Double Weight

<i>Code No.</i>		<i>Code No.</i>	
305 White Matte, soft grade.		308 Rough Buff, soft grade.	
355 White Matte, medium grade.		358 Rough Buff, medium grade.	
304 Buff Matte, soft grade.		321 Velvet, soft grade.	
354 Buff Matte, medium grade.		341 Velvet, medium grade.	
307 Rough White, soft grade.		371 Velvet, hard grade.	
357 Rough White, medium grade.			

<i>Size</i>	<i>1 Doz.</i>	<i>2 Doz.</i>	$\frac{1}{2}$ <i>Gross</i>	<i>Gross</i>	<i>Size</i>	<i>1 Doz.</i>	<i>2 Doz.</i>	$\frac{1}{2}$ <i>Gross</i>	<i>Gross</i>	
4 x 6	.....\$ .65	.....	.....	\$ 2.80	9 x 11	\$1.25	.....	.....\$ 6.20	\$11.40	
5 x 7	\$.45	.....	.....	2.20	4.15	10 x 12	1.45	.....	7.30	13.75
5 x 8	.50	.....	.....	2.65	4.75	10 x 14	1.55	.....	8.45	16.05
6 x 8	.65	.....	.....	3.05	5.65	11 x 14	1.75	.....	9.25	17.55
6 x 10	.80	.....	.....	3.80	6.95	12 x 15	2.15	.....	10.95	20.65
6½ x 8½	.70	.....	.....	3.50	6.45	12 x 16	2.20	.....	11.65	21.90
7 x 10	.90	.....	.....	4.30	8.15	12 x 17	2.30	.....	12.25	23.20
7 x 11	.90	.....	.....	4.75	8.80	14 x 17	2.65	.....	14.15	26.80
7½ x 9½	.90	.....	.....	4.50	8.15	16 x 20	3.45	.....	18.70	35.90
8 x 10	.95	.....	.....	4.95	9.20	18 x 22	4.25	.....	22.80	44.15
8 x 12	1.25	.....	.....	6.00	11.15	20 x 24	5.00	.....	27.50	53.25

All other sizes to be considered as special. Special sizes furnished at prices 10% greater than the next larger listed size for sizes up to 5 x 7, and 5% greater than the next larger listed size for sizes larger than 5 x 7.

Rolls

20" x 10 ft.	\$ 2.50	40" x 10 ft.	\$ 4.75
20" x 10 yds.	6.30	40" x 10 yds.	12.15

Special narrow width rolls will be furnished when ordered in sufficient quantities to take the full width of a roll 40 inches wide.



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