

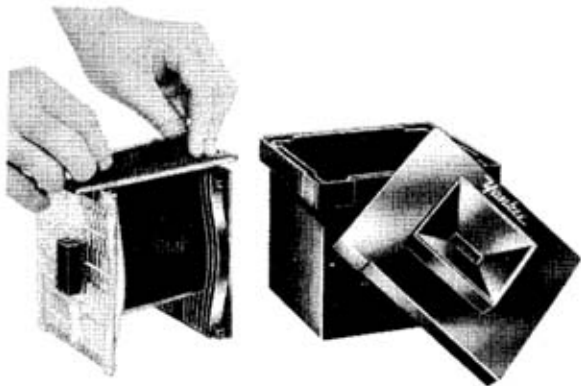
*Yankee*

# AGITANK

**CUT FILM AND FILM PACK DEVELOPING TANK**

**FOR 2 1/4 x 3 1/4 TO 4 x 5 FILM**

**COLOR or BLACK and WHITE**



**INSTRUCTIONS**

## THE YANKEE AGITANK

Like all Yankee film developing products the Yankee Agitank is made of finest quality acid resistant plastic. It is instantly adjustable for all popular sizes cut film and film pack from  $2\frac{1}{4} \times 3\frac{1}{4}$  to  $4 \times 5$ . The tank should be loaded in a darkroom but all subsequent operations may be carried out in daylight since it is completely light tight. It is ruggedly built for long, economical service and every precaution has been taken to make it America's most practical tank at any price.

The Yankee Agitank consists of five parts: Tank, cover, adjustable rack, loading guide, and four stainless steel pins. Be sure you get them all.

### TO ADJUST RACK:

Adjust rack for film size by sliding female flange (part with short, slotted sleeve) along stem of other part (male flange) until it engages proper groove. First groove from base of stem is for  $2\frac{1}{4} \times 3\frac{1}{4}$  cut film; second, for  $6.5 \times 9$  cm. cut film and  $2\frac{1}{4} \times 3\frac{1}{4}$  ( $6 \times 9$  cm.) film pack; third, for  $3\frac{1}{4} \times 4\frac{1}{4}$  cut film and film pack; fourth, for  $9 \times 12$  cm. cut film and film pack; fifth, for  $4 \times 5$  cut film and film pack. Do not jerk or pry parts. Adjust for the larger sizes by placing thumbs on end of stem and exerting firm, even pull on female flange with fingers. If rack has been taken apart, be sure that notched edges of both flanges face the same direction for proper alignment on the keyway.

### TO LOAD TANK:

Place rack on work bench, notches up, with flanges at right angles to you. Place loading guide in position over first film channel (lengthwise ridges on underside of guide must engage first pair of notches on each flange and crosswise groove at one end of guide must straddle notched edge of one flange).

Holding guide down with one hand, insert film in slot of guide and push down until it stops. Reach under guide to seat smaller films. Then lift forward edge of loading guide and slide it into the next notch where it will be ready again to receive film. Repeat operation in same direction until all films are in place. Film must be loaded with emulsion side towards center post. Paper end of pack should be trimmed flush and placed at top of rack.

Use of the stainless steel retaining pins is necessary only when processing  $3\frac{1}{4}\times 4\frac{1}{4}$ ,  $9\times 12$  cm. or  $4\times 5$  pack film. Turn rack on side after all films have been seated. Insert pins in holes and push with slow, steady pressure until pins pierce all films and pin heads are touching rack; then pull back very slightly, without withdrawing pins, to permit films to "float" in their channels. Use four pins for securing  $9\times 12$  cm. and  $4\times 5$  pack film, two pins at bottom of rack for  $3\frac{1}{4}\times 4\frac{1}{4}$ . Pins will not mar exposures.

Place rack in tank, female flange up; place cover on tank and turn on light. You are now ready to process.

## **TO DEVELOP FILM:**

Consult solution capacity chart on tank cover and pour specified quantity, or more, of developer into tank through center funnel in cover. Agitate vigorously for 30 seconds by picking up tank and shaking it *horizontally* in directions indicated by arrows on cover. Repeat for 15 second periods at  $1\frac{1}{2}$  minute intervals. *Thorough agitation is extremely important to remove air bubbles and assure even wetting of the emulsion.* Keep film in solution for the length of time and at the temperature indicated in the directions supplied with the developer. A thermometer may be inserted in funnel to check temperature. Developing time should be measured from the time you begin pouring the developer into the tank until you begin pouring it out.

When development is complete, pour out the developer through the corner spout in cover and immediately pour in the shortstop bath (or plain water if this is recommended in the instructions for the developer). Let this film stay in this bath 2 or 4 minutes, then pour it out and pour in the fixing bath.

Fix 15 to 20 minutes with occasional agitation. Then pour the fixing bath out and wash the film in running water for 20 to 30 minutes by placing the tank without cover under a tap. Hang film to dry or use Yankee Instant Film Dryer. Note: Do not remove film from tank until completely processed.

## **SPECIAL NOTES:**

1. Developer can be put into the tank either before or after rack has been loaded with film. It is recommended by some professionals to fill the tank before you turn out the darkroom lights, and then after loading the rack in the darkroom you can immerse the film all at once in the developer. Thus reducing the chance of getting developer spots on the film.

2. Suggestion to those who do not develop by inspection. Because of the one unit rack assembly, the rack with the film in it can be transferred from one tank to another, same as hangers. With this method it is impossible to scratch film or leave one behind, so easily done when using hangers.

3. Safety suggestion, put a couple pieces of scotch tape over the top after loading, just in case you might knock it off while agitating.

Extra racks, and replacement parts are available from your Dealer, or write directly to the factory for prices and information.

## **YANKEE PHOTO PRODUCTS**

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