

# IMAGO 320

## Black and white film



IMAGO 320 is a Black and White Film nominally rated at ISO 320 speed. It can be used both indoor and outdoor with different light conditions.

IMAGO 320 is a versatile fine grain film with a very high sharpness and a wide exposure latitude.

It is a panchromatic film, up to 680nm, coated on acetate base and compatible with most of available developers.

- ISO 320, pushable up to ISO 640
- Fine Grain
- High Sharpness
- Wide exposure latitude
- Available in 135 and 120 format

Resolving power: 120 lp/mm  
Granularity RMS (x1000): 14

Film size:

- 135 size on a 120 microns acetate base.
- 120 size on a 100 microns acetate base.

Film reciprocity compensation:

1/1000 - 1/2": No adjustment needed

1" - 7" : +1 Stop Compensation

8" - 15" : +2 Stop Compensation

16" - 25" : +3 stop Compensation

Film structure:



Filter Correction:

IMAGO 320 can be used with all standard types of filters. (No infrared).

Filter manufacturers do usually indicate what correction factor will be needed.

Storage and Handling

Load and unload your camera in subdued light. Storage in the fridge at 8°C / 46.4°F doubled the expiry date.

For best results, process film as soon as possible after exposure.

Please avoid storage temperatures more than 40°C / 104°F.

Development Times - Manual processing

The development times are based on intermittent agitation in small tanks: first 30" continuous, then two gentle inversions. every 30"

| DEVELOPER        | ISO | TIME   | DILUTION     |
|------------------|-----|--------|--------------|
| ars-imagó FD     | 320 | 8'30"  | 1+39 at 20°  |
|                  | 640 | 10'00" | 1+39 at 20°  |
| Monobath         | 320 | 8'00"  | Stock at 20° |
| Caffenol         | 320 | 10'00" | Stock at 20° |
| Bergger Berspeed | 320 | 10'30" | 1+1 at 20°   |
| Rodinal R09      | 320 | 10'00" | 1+25 at 20°  |
|                  | 320 | 18'00" | 1+50 at 20°  |
| Ilford ID-11     | 320 | 7'00"  | Stock at 20° |
|                  | 320 | 11'30" | 1+1 at 20°   |
| Ilford Microphen | 320 | 6'30"  | Stock at 20° |
|                  | 320 | 11'00" | 1+1 at 20°   |
| Kodak D-76       | 320 | 7'00"  | Stock at 20° |
|                  | 320 | 12'00" | 1+1 at 20°   |
| Kodak HC-110 (B) | 320 | 5'30"  | 1+31 at 20°  |
| Kodak T-Max      | 320 | 6'00"  | 1+4 at 20°   |
| Kodak X-Tol      | 320 | 8'30"  | Stock at 20° |
|                  | 320 | 10'30" | 1+1 at 20°   |