

# Kodak MICRODOL-X<sup>®</sup>

## DEVELOPER POWDER

In single-powder form

**CONTAINERS:** Use glazed stoneware, glass, stainless steel or unchipped enamelled containers for the mixing and storage of developing solutions. NEVER use aluminium, tin, copper or galvanized ware.

**MIXING AND STORAGE:** To a quantity of water equal to three-quarters of the final volume stated on the label, at approximately 50°C (122°F), gradually add the contents of the container, stirring until completely dissolved. Make up to

This developer gives very fine grain and good definition with minimum loss in effective film speed. If enhanced sharpness of fine detail is required, it should be diluted 1+3 with water.

the final volume with cold water and stir thoroughly. The whole contents of the container must be made up at one time. **Note:** when mixed, the solution will be yellowish in colour; this effect is normal.

A freshly-made unused solution of this developer will remain in good condition for six months provided that it is kept in a tightly-stoppered bottle full to the neck. In a partially-full, tightly-stoppered bottle it will keep for one month.

### DEVELOPER CAPACITY

#### UNDILUTED DEVELOPER without replenishment:

Under average conditions 1 000 cc (35 fl. oz.) of solution will develop 320 sq. in (2 000 sq. cm) of material, i.e. approximately four 120 or 620 or 36-exposure 35 mm films, eight 127 films or twelve 828 films. To maintain standard characteristics, increase the previous development time by 15% after each 80 sq. in (500 sq. cm) of material or its equivalent has been processed. For other volumes multiply or divide the above capacities in proportion.

**UNDILUTED DEVELOPER with replenisher:** Replenishment extends the working life of the

developer and increases the capacity to 1 200 sq. in (7 500 sq. cm) per litre (35 fl. oz.).

For full details, see instructions packed with 'Microdol-X' Replenisher Powder, available in a pack to make 80 fl. oz (2.25 litres).

**DEVELOPER DILUTED 1+3:** Dilute only sufficient developer for the film(s) to be processed. The diluted solution should be used immediately and NOT be stored or replenished. At least 225 cc (8 fl. oz) should be used for each film; when using small volumes of solution such as this, add 10% to the development times given in the table.

### DEVELOPMENT TIMES (MINUTES) IN SMALL TANKS

The following development times are intended to give low to moderate contrast negatives, of average subjects, suitable for use with 'Kodak' Grade 2 Bromide or 'Bromesko' Paper and a condenser/opal lamp enlarger. Increase the development times by about 40% for low contrast conditions or if a diffused-light enlarger is to be used.

### DUREES DE DEVELOPPEMENT (MINUTES) EN PETITES CUVETTES

Les durées de développement suivantes devraient donner des négatives de contraste modéré ou faible, à tirer dans un agrandisseur à condenseur et lampe opaline sur les papiers 'Kodak' Grade 2 Bromide ou 'Bromesko'. Augmenter les durées de 40% pour les sujets de faible contraste ou pour des négatives à tirer dans un agrandisseur à diffuseur.

'Kodak' Films Films 'Kodak'	Undiluted Non-dilué					Diluted 1+3 Dilué 1+3		
	18°C 65°F	20°C 68°F	21°C 70°F	22°C 72°F	24°C 75°F	21°C 70°F	22°C 72°F	24°C 75°F
<b>35 mm</b>								
'Tri-X' Pan	9	8	7½	6½	5½	15	14	12
'Plus-X' Pan	7	6½	6	5½	4½	10½	9½	8
'Panatomic-X'	7½	6½	6	5½	4½	10½	9½	9
<b>Roll Films Films en bobines</b>								
'Tri-X' Pan	9	8	7½	6½	5½	15	14	12
'Tri-X' Pan Professional								
'Verichrome' Pan								
'Plus-X' Pan Professional								
'Panatomic-X'								
'Panatomic-X'	7½	6½	6	5½	4½	10½	9½	8
<b>Sheet Films Films plans</b>								
'Panchro-Royal'	8	7	6½	6	5½	—	—	—
'Plus-X' Pan	8	7	6½	6	5½	—	—	—
'Ortho-Royal'	8	7	6½	6	5½	—	—	—

Agitate thoroughly for 5 seconds at ½ minute intervals.  
Agiter à fond pendant 5 secondes toutes les demi-minutes.