

Kodak D-163 DEVELOPER POWDER

This developer is for use with all types of enlarging and contact papers and also as a general-purpose negative developer for roll films.

With papers it gives a neutral-black image tone. If colder tones are required, particularly with Kodak 'Velox' Papers, these may be obtained by adding a solution made up from 'Kodak' Anti-Fog Powder.

'Kodak' D-163 Developer is also suitable for use with 'Kodagraph' Papers—see instructions for the paper.

CONTAINERS: Use glazed earthenware, glass, stainless steel or unchipped enamelled containers for mixing and storing the developer. Never use galvanized or tinned ware, copper or aluminium.

MIXING: Add the contents of the small bag to a quantity of water equal to approximately three quarters of the total volume stated on the label, at 32–38°C (90–100°F). Stir until completely dissolved.

Slowly add the rest of the chemicals, stirring until completely dissolved. Add cold water to make up the final volume of stock solution and stir well.

CAUTION: The stock solution may partly precipitate if stored at low temperatures; this can be avoided by diluting with an equal volume of water, in which case the solution must be further diluted 1+1 with water immediately before use so as to produce the standard 1+3 dilution.

USE: Dilute the stock solution 1+3 with water and develop materials according to the table below.

'Kodak' Material	18°C 65°F	20°C 68°F	22°C 72°F	24°C 75°F
Bromide and 'Bromesko' Papers	1½–4 min	1½–3 min	70–135 sec	60–110 sec
'Royal Bromesko' Paper	1½–2½ min	1½–2 min	70–90 sec	60–75 sec
'Velox' Paper	1½–2½ min	1–2 min	45–90 sec	40–75 sec
L. 10 and L. 15 Plates	1½–4 min	1½–3 min	70–135 sec	60–110 sec
Fine-Grain Positive Film	1½–2½ min	1½–2 min	70–90 sec	60–75 sec
'Panalure' Paper	2½ min	2 min	90 sec	75 sec
Roll Films*	4½–5½ min	3–4 min	—	—

*Give brief but thorough agitation every ½ minute.