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Product Name :

Coplin Jar Staining

Product Code :

SLE/CL/07



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Description :

Coplin Jar Staining (Product Code: SLE/CL/07) is a Coplin-type staining jar that holds 10 microscope slides of 26 x 76 mm upright in a bath of stain, fixative or rinse. The slides extend above the opening, so they can be lifted in and out by hand without forceps, and the jar has a glass cover that withstands stains and organic solvents. It is used for staining smears on microscope slides in clinical, microbiology and teaching laboratories, and is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India, for laboratories putting together a staining kit for microbiology at home or abroad.

Specifications

Parameter	Detail
Type	Jar, Coplin model, for staining
Capacity	10 slides
Slide size	Fits slides of 26 x 76 mm
Handling	Slides extend above the opening, allowing manipulation without forceps
Cover	Glass, withstanding stain and organic solvents
Intended use	Staining of smears on microscope slides
Estimated volume (as listed)	20 dm3
Estimated weight (as listed)	5 kg

Typical Use

A row of Coplin jars, each filled with one reagent, turns slide staining into a simple sequence: fixative, stain, rinse, decolouriser, counterstain. Batches of up to 10 slides are moved from jar to jar by holding the exposed ends, timed at each step, then drained and dried. The method suits Giemsa and Wright staining of blood films, Ziehl-Neelsen and Gram procedures, and dehydration and clearing steps in histology, where the solvent-resistant glass cover limits evaporation and fumes between batches.

Label each jar with its reagent and filling date, keep the cover on whenever slides are not being moved, and filter or replace stains on a regular schedule to prevent precipitate forming on smears. For school practicals, a small set of jars works as a Gram stain kit for school in India or anywhere else when combined with slides, a timer and a drying rack.

Manufacturer

This staining jar is produced by Jain Scientific Equipments Private Limited, the Ambala, Haryana company behind the ScienceLab name, which makes apparatus for clinical, microbiology and teaching laboratories. Company background is available on the ScienceLab profile.

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