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Product Name :

Kit for the Preparation of Preparations

Product Code :

SCL213/07

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Description :

Kit for the Preparation of Preparations (Product Code: SCL213/07) is a set of stainless steel and handled instruments for making microscope preparations, the thin sections and mounts that students examine on slides. Four types of tweezers, a flexible double spatula, microscope scissors, two handled needles, a scalpel and a hand microtome let a teacher or technician cut, lift and arrange plant and animal material with control. It suits botany and zoology practicals in secondary schools and colleges and is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, an OEM manufacturer and laboratory instruments supplier in India.

Specifications

Parameter	Detail
Straight tweezers	120 mm, stainless steel
Arched tweezers	120 mm, stainless steel
Round bottom tweezers	120 mm, stainless steel
Clamped tweezers	105 mm, stainless steel
Elongated-blade tool	Stainless steel (listed as “screw with elongated blade”)
Scalpel	Plastic handle
Scissors	Scissors for microscope work
Double spatula	Flexible, 120 x 6 mm, stainless steel
Needle with handle	130 mm
Lanceolate needle with handle	130 mm
Microtome	Microtome with hand scalpel

Typical Use

The hand microtome is the centre of the kit: a piece of stem or root, often supported in a slice of carrot or potato, is held in it and sliced with the hand scalpel to give sections thin enough for light to pass through. Sections are lifted with the flexible double spatula or the lanceolate needle, flattened with the straight or arched tweezers and transferred to a slide, where the handled needle helps lower the cover slip without trapping air bubbles.

The round bottom and clamped tweezers are useful for holding soft animal tissue in zoology practicals, while the microscope scissors trim leaf pieces and membranes. For botany lab equipment that is used every week, rinse the instruments after each session, dry them fully before storage and keep blades and needle points protected so they stay sharp.

Manufacturer

Jain Scientific Equipments Private Limited operates as ScienceLab from Ambala in Haryana and manu
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