



MATERIALS SAMPLE PREPARATION & CHARACTERISATION

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- Tripod® Polisher for Sample Preparation..... L 24

Tripod® Polisher for Sample Preparation

TRIPOD POLISHER

The Tripod Polisher is designed for preparing cross-sections of materials for both SEM and TEM. It is extensively used for preparing unencapsulated IC cross-sections for SEM and has the added capability of preparing the same sample for TEM. Similar techniques are used in preparing samples from virtually any material for both SEM and TEM and the Tripod Polisher has been successfully used to minimize and even eliminate ion milling of TEM samples. A wide range of accessories for the Tripod Polisher is available as well.

The Tripod Lab Starter Kit consists of the following items:

- Diamond Lapping Film; plain backed, 20.3 cm diameter (1 each of the following sizes: 30, 15, 6, 3, 1, 0.5 μm)
- Multitex™ polishing cloth, 20.3 cm diameter
- Glass Plate, 20.3 cm diameter, 6.3 mm thick
- Colloidal Silica, 0.05 μm particle size, 473 ml
- Mounting wax, QuickStart™ 135 crystal clear acetone soluble wax
- Slotted TEM grids, Cu, hole size: 2 x 1 mm
- Sample cleaner, TriClean® 590
- Petri dish, 10 cm diameter
- Filter, Qualitative, 9 cm diameter. One box of 100 packs is supplied. Used for bottom of petri dishes
- Tweezer set includes one pair of tongs and one self-closing high precision tweezers
- Scotch pad abrasive added to one side



DESCRIPTION

Tripod Polisher TEM 590W

Starter Kit of consumables

Spare Parts: Replacement Delrin feet, Pk (3)



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