

Kemet Replication Kits

Kemet offer three replication systems for metallographic inspections:-

a) Kemet Replication system



The replication system is available in 2 grades:-

- RS 7 for horizontal surfaces, with a working life of 1 minute and a cure time of 7 minutes
- RS 30T for complex surface geometry, with a working life of 7 minutes and a cure time of 30 minutes

The cartridge is loaded into the applicator and the static mixer is applied to the end of the applicator. Pressing the gun, causes the chemicals to mix and flow down the gun onto the specimen. After a cure time of approx 10 minutes, it can be peeled off and examined under a microscope up to X500 magnification. The replication system allows for high replica resolution and dimensional stability.

Accessories include RS 7 cartridge (50ml), RS 30T cartridge (50 ml), static mixer (pack of 30) and Applicator.

Kemet Replication Varnish

Kemet Replication varnish (250ml) can be used to record micrographic structures on hard to access surfaces. The varnish is applied with a brush in a thin layer and peeled off after 20-30 minutes. The prints are mounted onto glass slides for examination under a microscope.

Kemet Replication Foil

Kemet Replication foil (available in a kit) is pressed to the specimen after applying a special solvent to the foil, then peeled off after 2-3 minutes. The prints are mounted onto glass slides for examination under a microscope.

Kit comprises of 75-OFF slides 30 x 45mm, 125cc Acetone, 20-OFF replica sheets 150 x 100mm.

Accessories: 20 replication foil (100mm x 120mm x 0.034mm)

Kemet International Limited

Parkwood Trading Estate, Maidstone, Kent ME15 9NJ

Tel: 01622 755287 Fax: 01622 670915

Email: sales@kemet.co.uk Web: www.kemet.co.uk