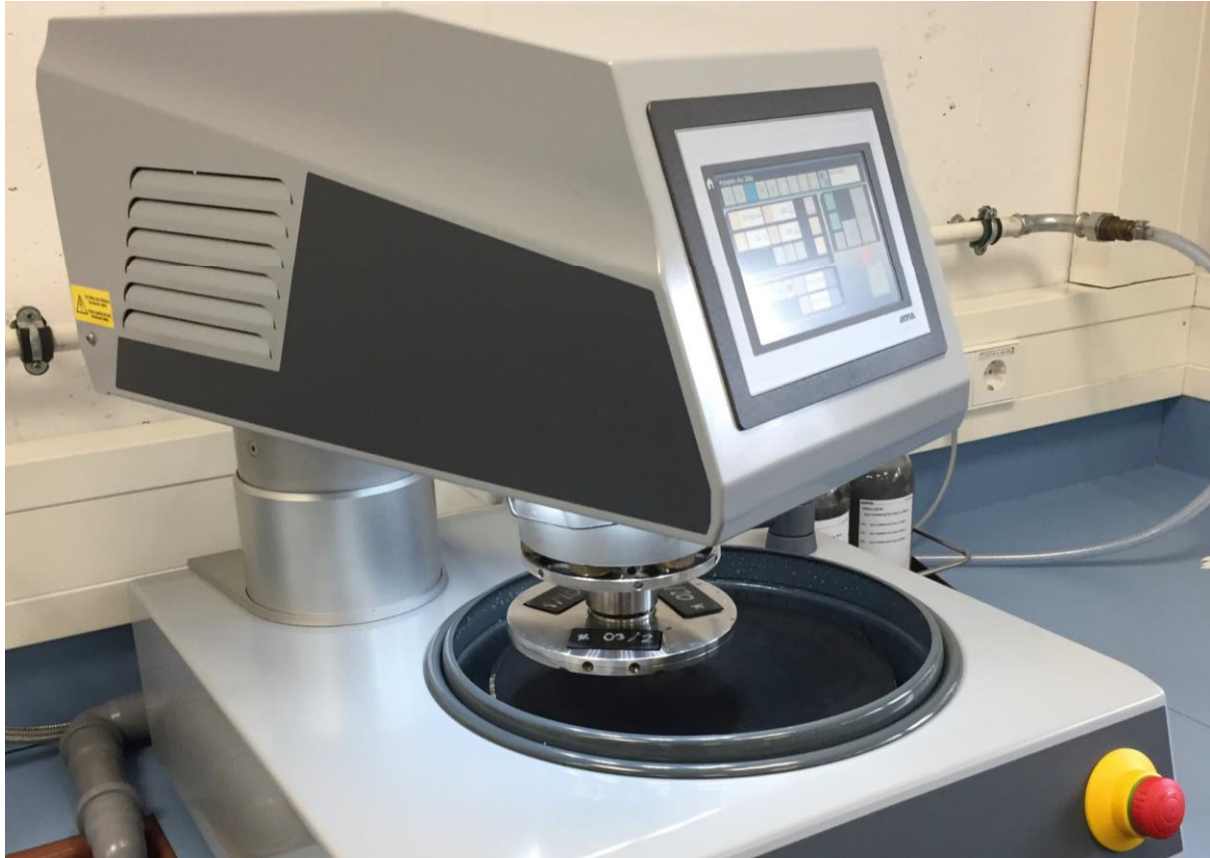Metallographic preparation

ATM SAPHIR 550 / RUBIN 520

Purpose

Used to prepare high quality polished surfaces on a wide variety of metallographic materials for microscopy analysis. May be used in automatic or manual modes.

Specifications

– Grinding and polishing of metallographic samples

– Colour touch-screen control panel for Z-axis removal by depth

– Unique bowl shape for easy access to platens

– Multi-purpose water nozzle capability

– Platen cooling to minimize heat-build-up and reduce sample deformation

– Grinding wheel capacity Ø 200 – 300 mm

– Samples: up to 6 pcs. Ø 50 mm

– Specimen contact pressure: 20 – 400 N

– Rotation speed grinding wheel: 50 – 600 min⁻¹

– Rotation speed head: 30 – 150 min⁻¹