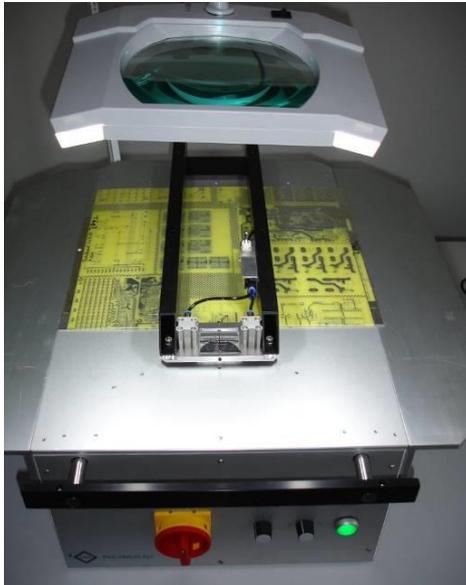


OSR Optical Specimen Router



The OSR is part of MSC's system for micro-sectioning printed circuit boards. The complete system allows the preparation of samples for optical inspection of micro-vias – nearly fully automatic.

The NC steered OSR collects a coupon from printed circuit boards by routing. The collection area is overviewed with a magnification glass and the desired coupon can be targeted easily and fast. The coupon remains attached to the panel until it is detached manually when needed, without stopping the work flow. The coupon size is adjusted to the MSC registration but it can be varied widely. For that the operator can choose from 8 programming positions.

Advantages:

- easy adjustment and fast collection of coupons
- No coupon deformation or damage
- Program selector for various coupon sizes.
- Free routing possible for routing any shape
- PCB is securely clamped by pneumatic cylinders
- Low tool costs, maintenance free construction
- Desktop design fits on standard lab work benches
- Silent and clean operation

Technical description:

- Router: HM tools 3 or 3,175mm shaft; 2-flute router recommended
- For panel formats: from 50 x 120 mm up to 533 x 1100 mm
- Coupon size: standard 21 x 10 mm, maximum 41 x 31 mm
- Program selection from 8 memory cells
- Materials: all standard PCB materials including metal core PCB (with special cutters)
- High capacity
- feed adjustable to PCB thickness
- Extensible bearing for large panels (back board panels)
- Automatic exhaust system

Technical data:

- Electrical: 230 VAC, 50 Hz
- Weight: 25 kg
- Dimensions: 640 x 400 x 300 mm (l x w x h)