

FORENSIC COMPARISON STAGE

SEM — Optical

Deben ballistic bullet comparison stage is a sub-stage designed for use with SEMs and optical microscopes.

Designed to accept the most common bullets and cartridge cases and allowing two bullets and cartridge cases to be mounted side by side for detailed comparison. Each sample can be independently rotated through 360° and their relative heights adjusted. Comparisons can be made by image comparison techniques after which the results can be archived for subsequent recall for future inspection and comparisons of further evidence.

- Forensic Science
- Gunshot residue analysis
- Striation comparison
- Hammer indent comparison



Features

- Vacuum compatible
- Compatible with large SEM chambers
- Dual bullet and dual cartridge mounting
- GSR calibration stub mounting position
- Synchronised rotation
- Keypad operation



Specifications

- Stage mounts onto SEM stage using dovetail fittings to match SEM
- Electrical connections are via an X-Ray safe vacuum feed-through
- Cases from 10mm to 90mm long & 4.5mm to 19mm diameter
- Speed ranges: 1.4°/second, 3.0°/second, 8.0°/second, 16.0° /second, 32.0°/second
- 99 position memory store

