



## Bullet comparison sub-stage For SEM & Optical microscopy applications



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

It is designed to accept the most common bullets and cartridge cases and allows two samples 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.

### Applications:

- Forensic Science
- Gunshot residue analysis

### Features:

- Vacuum compatible
- Compatible with large SEM chambers
- Dual bullet and dual cartridge mounting locations
- 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
- Accommodates bullets from 10mm to 90mm long
- Accommodates cartridge cases from 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

