

## Deben Ballistic bullet comparison stage

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.



## Specifications

- Substage for use with dual objective optical microscopes or SEM
- All in-situ components are designed for use in vacuum and are non contaminating
- 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
- Location on top of stage for pin stub GSR reference specimen
- Speed ranges: 1.4°/second, 3.0°/second, 8.0°/second, 16.0°/second, 32.0°/second
- Positioning accuracy 0.1 degrees
- Bullets and cartridge cases can be rotated independently or linked together
- Bi-directional rotation
- 99 position memory store
- Controlled from compact desktop controller
- Power supply, 100V, 110V or 230V at 50VA (please specify requirement)

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