

## Product Information

### HiLight Microscope



HiLight Microscope with optional integral micrometer



HiLight Microscope in storage box

#### Range of application

- Measuring Brinell indentations in accordance with ISO 6506 and ASTM E10
- UKAS accredited certificate of calibration

Specification	
Magnification	x 20
Measuring Scale Length	7 mm
Scale Divisions	0.05 mm
Field Diameter	10 mm
Height x Diameter	150 x 50 mm
Scope Weight	1.8 kg
Shipping Weight	4 kg
Battery Type	CR2, 3V
Footprint (with base)	37 mm
Footprint (without base)	16 mm

Optional extras	
<b>Integral micrometer</b>	(Scale divisions: 0.01 mm)

#### Special Characteristics

- Even and consistent illumination of Brinell indentation edge using four built-in high efficiency LEDs
- Reduces the uncertainty of measurement which is associated with traditional microscopes due to ambient light or single source illumination
- Robust construction, ideal for harsh foundry, forging and heavy engineering environments normally encountered when Brinell testing
- Microscope is completely enclosed, so no influence from ambient light
- Eyepiece focusing to suit individual operators
- Clear 0.05 mm resolution
- Option available: 0.01 mm resolution, using integral micrometer
- 7mm measuring graticule
- Long battery life, approximately 200 hours continuous operation
- Removable foot to allow access to small indentation test locations
- Reliable internal light switching, no easily damaged external switches
- Complete with safety wrist strap and storage box for instrument care
- Ideal for measuring indentations with ZHB3000