

Digital Lever Bore Gauge

The robust new **Bowers XTL Lever** range is perfect for vertical bore measurement, providing accurate and repeatable bore gauging under inspection department or shop-floor conditions. The XTL has a simple ergonomic action and can be fitted with a wide variety of analogue and digital indicators or even transducer probes. The range can be provided with IP65 rated digital indicators, rendering it resistant to coolant, water and airborne particles. A 'wireless' gauge module is also available, enabling cable free communication with remote data collectors, PCs etc.

The cost-effective new XTL boasts hardwearing extended travel carbide measuring anvils and is able to measure diameters up to 100mm.

Features

- Measuring range 6-100mm (diameters above 100mm on request)
- Excellent for vertical bore measurement
- Simple 2-button operation
- Large easy-to-read swivel display (20-100 sizes only)
- 2 preset memories
- RS-232C output
- Self-entering heads
- Constant measuring pressure
- Fast, accurate measurement
- Resolution 0.001mm (0.00005")
- Tungsten carbide measuring faces on all 3-point heads from 12.5mm
- Blind bore measurement above 12.5mm (0.500")
- Extensions available above 6mm for deep hole measurement
- Setting rings included with individual instruments and sets
- UKAS certificates supplied as standard with all setting rings
- UKAS certificates supplied with all gauges
- Serial number on all gauges and measuring heads
- Heads with special anvils available to suit specific customer requirements (e.g. Threads, grooves, 2-point, spherical, splines etc)
- Bore gauges manufactured according to DIN863, part4



WiFi

RS232

INDIVIDUAL INSTRUMENTS: Supplied with head, ring and UKAS certificates

| Code No (mm) | Range (mm) | Code No (inch) | Range (inch) | Accuracy (mm) (inch) | Depth (mm) (inch) | Setting Ring (mm) (inch) |
|-----------------|---------------|-------------------|-----------------|-------------------------|----------------------|-----------------------------|
| XTL6M | 6-8 | XTL6i | 1/4-5/16 | 0.004 0.00015 | 58 2.28 | 8.00 0.312 |
| XTL8M | 8-10 | XTL8i | 5/16-3/8 | 0.004 0.00015 | 58 2.28 | 8.00 0.312 |
| XTL10M | 10-12.5 | XTL10i | 3/8-1/2 | 0.004 0.00015 | 58 2.28 | 12.50 0.500 |
| XTL12M | 12.5-16 | XTL12i | 1/2-5/8 | 0.004 0.00015 | 62 2.44 | 12.50 0.500 |
| XTL16M | 16-20 | XTL16i | 5/8-3/4 | 0.004 0.00015 | 62 2.44 | 20.00 0.750 |
| XTL20M | 20-25 | XTL20i | 3/4-1 | 0.004 0.00015 | 66 2.62 | 20.00 0.750 |
| XTL25M | 25-35 | XTL25i | 1-1 3/8 | 0.004 0.00015 | 66 2.62 | 35.00 1.375 |
| XTL35M | 35-50 | XTL35i | 1 3/8-2 | 0.004 0.00015 | 80 3.15 | 35.00 1.375 |
| XTL50M | 50-65 | XTL50i | 2-2 5/8 | 0.005 0.00020 | 80 3.15 | 65.00 2.625 |
| XTL65M | 65-80 | XTL65i | 2 5/8-3 1/4 | 0.005 0.00020 | 80 3.15 | 65.00 2.625 |
| XTL80M | 80-100 | XTL80i | 3 1/4-4 | 0.005 0.00020 | 85 3.35 | 80.00 3.250 |

SETS: Supplied with heads, rings and UKAS certificates

| Code No (mm) | Range (mm) | Code No (inch) | Range (inch) |
|-----------------|---------------|-------------------|-----------------|
| SXTL3M | 6-10 | SXTL3i | 1/4-3/8 |
| SXTL4M | 10-20 | SXTL4i | 3/8-3/4 |
| SXTL5M | 20-50 | SXTL5i | 3/4-2 |
| SXTL6M | 50-100 | SXTL6i | 2-4 |

6-20MM LEVER GAUGE DATA TRANSMISSION

| Code No | Description |
|---------|------------------------------|
| XTiP001 | Serial Data Output Cable |
| XTiP002 | USB Data Output Cable |
| XTiP003 | Wireless Powered Opto Module |

20-100MM LEVER GAUGE DATA TRANSMISSION

| Code No | Description |
|---------|---------------------------|
| OUTP007 | Serial Data Output Cable |
| OUTP008 | USB Data Output Cable |
| OUTP005 | Wireless Proximity Module |