

Digital Lever Bore Gauge

The robust 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
- Bluetooth indicator option available over 20mm



Option

RS232



INDIVIDUAL INSTRUMENTS: Supplied with head, ring and UKAS certificates

Code No	Range (mm)	Accuracy (mm)	Depth (mm)	Setting Ring (mm)
XTL6M	6-8	0.004	58	8.00
XTL8M	8-10	0.004	58	8.00
XTL10M	10-12.5	0.004	58	12.50
XTL12M	12.5-16	0.004	62	12.50
XTL16M	16-20	0.004	62	20.00
XTL20M	20-25	0.004	66	20.00
XTL25M	25-35	0.004	66	35.00
XTL35M	35-50	0.004	80	35.00
XTL50M	50-65	0.005	80	65.00
XTL65M	65-80	0.005	80	65.00
XTL80M	80-100	0.005	85	80.00

Code No	Range (inch)	Accuracy (inch)	Depth (inch)	Setting Ring (inch)
XTL6i	1/4-5/16	0.00015	2.28	0.312
XTL8i	5/16-3/8	0.00015	2.28	0.312
XTL10i	3/8-1/2	0.00015	2.28	0.500
XTL12i	1/2-5/8	0.00015	2.44	0.500
XTL16i	5/8-3/4	0.00015	2.44	0.750
XTL20i	3/4-1	0.00015	2.62	0.750
XTL25i	1-1 3/8	0.00015	2.62	1.375
XTL35i	1 3/8-2	0.00015	3.15	1.375
XTL50i	2-2 5/8	0.00020	3.15	2.625
XTL65i	2 5/8-3 1/4	0.00020	3.15	2.625
XTL80i	3 1/4-4	0.00020	3.35	3.250

SETS: Supplied with heads, rings and UKAS certificates

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

6-20MM LEVER GAUGE DATA TRANSMISSION

Code No	Description
30-926-6821	Powered Opto / USB
25-604-013	Wireless Powered Opto Module

20-100MM LEVER GAUGE DATA TRANSMISSION

Code No	Description
30-926-6721	Sylvac Proximity USB Cable
25-604-064	Wireless Proximity Module Transmitter



SXTL4M