

## Digital Bore Gauges

**Bowers XT Digital Xtreme** internal micrometers give the operator the advantage of traditional quality ratchet gauges allied to advanced IP65 electronics. The extended mechanical travel of the XT range means that special heads can also be manufactured to accommodate users most awkward measuring problems. Measuring heads for threads, splines slots, grooves, deep-holes and many more applications are available on request. For applications please see pages 14-17.

The Bowers XT range of internal micrometers can be supplied as individual instruments or in complete sets. All XT instruments give the user the advantage of extended measuring travel with fixed anvils and UKAS certification of both measuring head and setting ring as standard.



### Features

- IP65 Electronics
- Simple 2-button operation
- Large easy-to-read display
- 3 preset memories
- RS-232C output
- Range 2 – 300 mm (0.080" - 12")
- 2-6mm 2 point / 6-300mm 3 point measurement
- Resolution 0.001mm / 0.00005"
- Tungsten carbide measuring faces on all 3-point heads from 12.5mm
- Blind bore measurement from 2mm – 6mm and above 12.5 mm (0.500")
- Extensions available above 6mm
- Ratchet stop to ensure consistent measurement
- Setting rings included with individual instruments and sets
- UKAS certificates supplied as standard with all setting rings
- UKAS certificates supplied as standard with all gauges
- Serial number on all digital readouts and measuring heads
- Heads with special anvils available to suit specific customer requirements (e.g. threads, grooves, 2-point, spherical, splines etc)
- For applications please see pages 14-17
- Bore gauges manufactured according to DIN 863, part 4
- Supplied in fitted case

## Digital Bore Gauges

**TECHNICAL SPECIFICATION:** Individual instruments supplied with digital display unit, head, ring and UKAS

Code No	Range (mm)	Accuracy (mm)	Depth (mm)	Setting Ring (mm)
XTD1M	2-2.5	0.004	9	2.50
XTD2M	2.5-3	0.004	9	2.50
XTD3M	3-4	0.004	12	4.00
XTD4M	4-5	0.004	18	4.00
XTD5M	5-6	0.004	18	5.00
XTD6M	6-8	0.004	58	8.00
XTD8M	8-10	0.004	58	8.00
XTD10M	10-12.5	0.004	58	12.50
XTD12M	12.5-16	0.004	62	12.50
XTD16M	16-20	0.004	62	20.00
XTD20M	20-25	0.004	66	20.00
XTD25M	25-35	0.004	66	35.00
XTD35M	35-50	0.004	80	35.00
XTD50M	50-65	0.005	80	65.00
XTD65M	65-80	0.005	80	65.00
XTD80M	80-100	0.005	100	80.00
XTD100M	100-125	0.006	115	125.00
XTD125M	125-150	0.006	115	125.00
XTD150M	150-175	0.007	115	175.00
XTD175M	175-200	0.007	115	175.00
XTD200M	200-225	0.008	118	225.00
XTD225M	225-250	0.008	118	225.00
XTD250M	250-275	0.009	118	275.00
XTD275M	275-300	0.009	118	275.00

**SETS:** Supplied with one digital display unit, heads, rings and UKAS

Code No	Range (mm)	Measuring Heads	Setting Rings
SXTD1M	2-6	5	3
SXTD3M	6-10	2	1
SXTD4M	10-20	3	2
SXTD5M	20-50	3	2
SXTD6M	50-100	3	2
SXTD7M	100-150	2	1
SXTD8M	150-200	2	1
SXTD9M	100-200	4	2

**SETS:** Supplied with digital display unit with each head, rings and UKAS

Code No	Range (mm)	Measuring Heads	Setting Rings
SXTDU3M	6-10	2	1
SXTDU4M	10-20	3	2
SXTDU5M	20-50	3	2
SXTDU6M	50-100	3	2

### DEPTH STOP

Code No	Range (mm)
DSTOP01	2-6

### EXTENSIONS

Code No	Length		To Fit Heads	
	(mm)	(inch)	(mm)	(inch)
EGX 0200	63	2.5	6-10	1/4-3/8
EGX 0400	76	3.0	10-12.5	3/8-1/2
EGX 0500	100	4.0	12.5-20	1/2-3/4
EGX 0001	150	6.0	20-50	3/4-2
EGX 0004	150	6.0	50-300	2-12

### DATA TRANSMISSION

Code No	Description
30-905-4516	Serial Data Output Cable
30-926-6821	USB Data Output Cable
25-604-013	Wireless Powered Opto Module



SXTD5M standard set



SXTD5U with Digital Readout for each 3pt head