

Digital Bore Gauges



Bowers' Bluetooth XT3-BT digital internal micrometers offer an ergonomic design - including a larger and clearer LCD display - along with IP67 electronics protection, proximity output; allowing bi-directional communication giving greater flexibility for data acquisition and storage. 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.

The Bowers XT3-BT range can be supplied as individual instruments or in complete sets, with UKAS certification of both measuring head and setting ring as standard.



The Sylvac Smart and BT anywhere apps allows communication with Bowers Bluetooth Android 8.0 IOS 10 Bluetooth 4.0 required



DATA TRANSMISSION

Code No	Description
30-926-6721	Sylvac Proximity USB Cable
30-981-7100	USB Dongle BT Smart for PC/D300S/D400S

Features

- Ergonomic design with larger and clearer LCD display
- IP67 Electronics
- Simple 2-button operation
- 4 preset memories
- Proximity output with built-in Bluetooth
- Bi-directional communication
- Range 2-300mm (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 12.5mm (0.500")
- Extensions available above 6mm for deep hole measurement
- Ratchet stop to ensure consistent measurement
- Setting rings included with individual instruments and sets
- UKAS certificates supplied as standard with all setting rings and 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)
- Bore gauges manufactured according to DIN 863, part 4
- Supplied in fitted wooden case



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

DISPLAY UNITS ONLY

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

Code No	Range (inch)	Accuracy (inch)	Depth (inch)	Setting Ring (inch)
XTD1i-BT	0.080-0.100	0.00015	0.35	0.1000
XTD2i-BT	0.100-0.120	0.00015	0.35	0.1000
XTD3i-BT	0.120-0.160	0.00015	0.47	0.1600
XTD4i-BT	0.160-0.200	0.00015	0.70	0.1600
XTD5i-BT	0.200-0.250	0.00015	0.70	0.2000
XTD6i-BT	1/4-5/16	0.00015	2.28	0.3125
XTD8i-BT	5/16-3/8	0.00015	2.28	0.3125
XTD10i-BT	3/8-1/2	0.00015	2.28	0.5000
XTD12i-BT	1/2-5/8	0.00015	2.44	0.5000
XTD16i-BT	5/8-3/4	0.00015	2.44	0.7500
XTD20i-BT	3/4-1	0.00015	2.62	0.7500
XTD25i-BT	1-1 3/8	0.00015	2.62	1.3750
XTD35i-BT	1 3/8-2	0.00015	3.15	1.3750
XTD50i-BT	2-2 5/8	0.00020	3.15	2.6250
XTD65i-BT	2 5/8-3 1/4	0.00020	3.15	2.6250
XTD80i-BT	3 1/4-4	0.00020	3.94	3.2500
XTD100i-BT	4-5	0.00025	4.53	5.0000
XTD125i-BT	5-6	0.00025	4.53	5.0000
XTD150i-BT	6-7	0.00030	4.53	7.0000
XTD175i-BT	7-8	0.00030	4.53	7.0000
XTD200i-BT	8-9	0.00030	4.65	9.0000
XTD225i-BT	9-10	0.00030	4.65	9.0000
XTD250i-BT	10-11	0.00035	4.65	11.0000
XTD275i-BT	11-12	0.00035	4.65	11.0000

Display Unit (with BT)
XTDU2M-BT
XTDU2M-BT
XTDU2M-BT
XTDU2M-BT
XTDU2M-BT
XTDU6M-BT
XTDU6M-BT
XTDU10M-BT
XTDU10M-BT
XTDU10M-BT
XTDU20M-BT
XTDU20M-BT
XTDU20M-BT
XTDU20M-BT
XTDU50M-BT
XTDU50M-BT
XTDU50M-BT
XTDU50M-BT
XTDU100M-BT
XTDU100M-BT
XTDU100M-BT
XTDU100M-BT
XTDU200M-BT
XTDU200M-BT
XTDU200M-BT
XTDU200M-BT

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

Code No (with BT)	Range (mm)	Measuring Heads	Setting Rings	Code No (with BT)	Range (inch)
SXTD1M-BT	2-6	5	3	SXTD1i-BT	0.080-0.250
SXTD3M-BT	6-10	2	1	SXTD3i-BT	1/4-3/8
SXTD4M-BT	10-20	3	2	SXTD4i-BT	3/8-3/4
SXTD5M-BT	20-50	3	2	SXTD5i-BT	3/4-2
SXTD6M-BT	50-100	3	2	SXTD6i-BT	2-4
SXTD7M-BT	100-150	2	1	SXTD7i-BT	4-6
SXTD8M-BT	150-200	2	1	SXTD8i-BT	6-8
SXTD9M-BT	100-200	4	2	SXTD9i-BT	4-8

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

Code No (with BT)	Range (mm)	Measuring Heads	Setting Rings	Note
SXTD3U-BT	6-10	2	1	with 2 display units
SXTD4U-BT	10-20	3	2	with 3 display units
SXTD5U-BT	20-50	3	2	with 3 display units
SXTD6U-BT	50-100	3	2	with 3 display units

EXTENSIONS

Code No	Length (mm)	Length (inch)	To Fit Heads (mm)	To Fit Heads (inch)
EGX0200	63	2.5	6-10	1/4-3/8
EGX0400	76	3.0	10-12.5	3/8-1/2
EGX0500	100	4.0	12.5-20	1/2-3/4
EGX0001	150	6.0	20-50	3/4-2
EGX0004	150	6.0	50-300	2-12

Note: BT denotes Bluetooth. Non-BT available upon request. Available without rings.

DEPTH STOP

Code No	Range (mm)	Range (inch)
DSTOP01	2-6	0.080-0.25



SXTD5M-BT



SXTD5U-BT