

Digital Bore Gauges

Bowers' Bluetooth digital internal micrometers offer a new 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 range can be supplied as individual instruments or in complete sets, with UKAS certification of both measuring head and setting ring as standard.



Non Bluetooth is available upon request



Option



The SylvacBT Smart App allows communication with Bowers Bluetooth Smart instruments

DATA TRANSMISSION

Code No	Description
30-926-6721	Sylvac Proximity USB Cable
30-981-7100	USB Dongle BT Smart for 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 (with BT)	Range (mm)	Accuracy (mm)	Depth (mm)	Setting Ring (mm)	Code No (with BT)	Range (inch)	Accuracy (inch)	Depth (inch)	Setting Ring (inch)	Display Unit (with BT)
XTD1M-BT	2-2.5	0.004	9	2.50	XTD1i-BT	0.080-0.100	0.00015	0.35	0.1000	XTDU2M-BT
XTD2M-BT	2.5-3	0.004	9	2.50	XTD2i-BT	0.100-0.120	0.00015	0.35	0.1000	XTDU2M-BT
XTD3M-BT	3-4	0.004	12	4.00	XTD3i-BT	0.120-0.160	0.00015	0.47	0.1600	XTDU2M-BT
XTD4M-BT	4-5	0.004	18	4.00	XTD4i-BT	0.160-0.200	0.00015	0.70	0.1600	XTDU2M-BT
XTD5M-BT	5-6	0.004	18	5.00	XTD5i-BT	0.200-0.250	0.00015	0.70	0.2000	XTDU2M-BT
XTD6M-BT	6-8	0.004	58	8.00	XTD6i-BT	1/4-5/16	0.00015	2.28	0.3125	XTDU6M-BT
XTD8M-BT	8-10	0.004	58	8.00	XTD8i-BT	5/16-3/8	0.00015	2.28	0.3125	XTDU6M-BT
XTD10M-BT	10-12.5	0.004	58	12.50	XTD10i-BT	3/8-1/2	0.00015	2.28	0.500	XTDU10M-BT
XTD12M-BT	12.5-16	0.004	62	12.50	XTD12i-BT	1/2-5/8	0.00015	2.44	0.500	XTDU10M-BT
XTD16M-BT	16-20	0.004	62	20.00	XTD16i-BT	5/8-3/4	0.00015	2.44	0.750	XTDU10M-BT
XTD20M-BT	20-25	0.004	66	20.00	XTD20i-BT	3/4-1	0.00015	2.62	0.750	XTDU20M-BT
XTD25M-BT	25-35	0.004	66	35.00	XTD25i-BT	1-1 3/8	0.00015	2.62	1.375	XTDU20M-BT
XTD35M-BT	35-50	0.004	80	35.00	XTD35i-BT	1 3/8-2	0.00015	3.15	1.375	XTDU20M-BT
XTD50M-BT	50-65	0.005	80	65.00	XTD50i-BT	2-2 5/8	0.00020	3.15	2.625	XTDU50M-BT
XTD65M-BT	65-80	0.005	80	65.00	XTD65i-BT	2 5/8-3 1/4	0.00020	3.15	2.625	XTDU50M-BT
XTD80M-BT	80-100	0.005	100	80.00	XTD80i-BT	3 1/4-4	0.00020	3.94	3.250	XTDU50M-BT
XTD100M-BT	100-125	0.006	115	125.00	XTD100i-BT	4-5	0.00025	4.53	5.000	XTDU100M-BT
XTD125M-BT	125-150	0.006	115	125.00	XTD125i-BT	5-6	0.00025	4.53	5.000	XTDU100M-BT
XTD150M-BT	150-175	0.007	115	175.00	XTD150i-BT	6-7	0.00030	4.53	7.000	XTDU100M-BT
XTD175M-BT	175-200	0.007	115	175.00	XTD175i-BT	7-8	0.00030	4.53	7.000	XTDU100M-BT
XTD200M-BT	200-225	0.008	118	225.00	XTD200i-BT	8-9	0.00030	4.65	9.000	XTDU200M-BT
XTD225M-BT	225-250	0.008	118	225.00	XTD225i-BT	9-10	0.00030	4.65	9.000	XTDU200M-BT
XTD250M-BT	250-275	0.009	118	275.00	XTD250i-BT	10-11	0.00035	4.65	11.000	XTDU200M-BT
XTD275M-BT	275-300	0.009	118	275.00	XTD275i-BT	11-12	0.00035	4.65	11.000	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

DEPTH STOP

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



SXTD5M-BT



SXTD5U-BT