

Digital Pistol Grip Bore Gauge

Bowers XT Holematic Xtreme bore gauge incorporates an ergonomic pistol grip handle with an advanced trigger action, giving the user the advantages of both speed of operation and a constant measuring pressure. The clear digital display, superior IP65 electronics and application range of 2 to 300mm ensures ease of use and assured accuracy. For applications please see pages 14-17.

The XT Holematic pistol grip range of bore gauges 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 swivel display
- 3 preset memories
- RS-232C output
- Self-centring heads
- Constant measuring pressure
- Fast, accurate measurement
- 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
- Setting rings included with individual instruments and sets
- UKAS certificates supplied as standard with all setting rings
- UKAS certificates supplied as standard with all pistol grip 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) For applications please see pages 14-17
- Bore gauges manufactured according to DIN 863, part 4
- Supplied in fitted case

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TECHNICAL SPECIFICATION: Individual instruments supplied with digital pistol grip, head, ring and UKAS

Code No	Range (mm)	Accuracy (mm)	Depth (mm)	Setting Ring (mm)
XTH1M	2-2.5	0.004	9	2.50
XTH2M	2.5-3	0.004	9	2.50
XTH3M	3-4	0.004	12	4.00
XTH4M	4-5	0.004	18	4.00
XTH5M	5-6	0.004	18	5.00
XTH6M	6-8	0.004	58	8.00
XTH8M	8-10	0.004	58	8.00
XTH10M	10-12.5	0.004	58	12.50
XTH12M	12.5-16	0.004	62	12.50
XTH16M	16-20	0.004	62	20.00
XTH20M	20-25	0.004	66	20.00
XTH25M	25-35	0.004	66	35.00
XTH35M	35-50	0.004	80	35.00
XTH50M	50-65	0.005	80	65.00
XTH65M	65-80	0.005	80	65.00
XTH80M	80-100	0.005	100	80.00
XTH100M	100-125	0.006	115	125.00
XTH125M	125-150	0.006	115	125.00
XTH150M	150-175	0.007	115	175.00
XTH175M	175-200	0.007	115	175.00
XTH200M	200-225	0.008	118	225.00
XTH225M	225-250	0.008	118	225.00
XTH250M	250-275	0.009	118	275.00
XTH275M	275-300	0.009	118	275.00

DEPTH STOP

Code No	Range (mm)
DSTOP01	2-6

EXTENSIONS

Code No	Length (mm)	(inch)	To Fit Heads (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

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

Code No	Range (mm)	Measuring Heads	Setting Rings
SXTH1M	2-6	5	3
SXTH3M	6-10	2	1
SXTH4M	10-20	3	2
SXTH5M	20-50	3	2
SXTH6M	50-100	3	2
SXTH7M	100-150	2	1
SXTH8M	150-200	2	1

LARGE SETS: Supplied with digital pistol grip, heads, rings and UKAS

Code No	Range (mm)	Measuring Heads	Setting Rings
SXTH10M	6-20	5	3
SXTH11M	20-100	6	3
SXTH9M	100-200	4	2



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