

XT Holematic Digital Pistol-grip Bore Gauges

The **Bowers XT Holematic 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.

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-centering 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 12.5 mm (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 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)
- Bore gauges manufactured according to **DIN 863**, part 4

XT Holematic Digital Pistol-grip Bore Gauges

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

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Accuracy (mm) (inch)	Depth (mm) (inch)	Pistol Grip	Setting ring (mm) (inch)
XTH1M	2-2.5	XTH1i	.080-.100	0.004 0.00015	9 0.35	XTPG01	2.50 0.1000
XTH2M	2.5-3	XTH2i	.100-.120	0.004 0.00015	9 0.35	"	2.50 0.1000
XTH3M	3-4	XTH3i	.120-.160	0.004 0.00015	12 0.47	"	4.00 0.1600
XTH4M	4-5	XTH4i	.160-.200	0.004 0.00015	18 0.70	"	4.00 0.1600
XTH5M	5-6	XTH5i	.200-.250	0.004 0.00015	18 0.70	"	5.00 0.2000
XTH6M	6-8	XTH6i	1/4 - 5/16	0.004 0.00015	58 2.28	XTPG02	8.00 .312
XTH8M	8-10	XTH8i	5/16 - 3/8	0.004 0.00015	58 2.28	"	8.00 .312
XTH10M	10-12.5	XTH10i	3/8 - 1/2	0.004 0.00015	58 2.28	"	12.50 .500
XTH12M	12.5-16	XTH12i	1/2 - 5/8	0.004 0.00015	62 2.44	"	12.50 .500
XTH16M	16-20	XTH16i	5/8 - 3/4	0.004 0.00015	62 2.44	"	20.00 .750
XTH20M	20-25	XTH20i	3/4 - 1	0.004 0.00015	66 2.62	XTPG03	20.00 .750
XTH25M	25-35	XTH25i	1 - 1 3/8	0.004 0.00015	66 2.62	"	35.00 1.375
XTH35M	35-50	XTH35i	1 3/8 - 2	0.004 0.00015	80 3.15	"	35.00 1.375
XTH50M	50-65	XTH50i	2 - 2 5/8	0.005 0.00020	80 3.15	"	65.00 2.625
XTH65M	65-80	XTH65i	2 5/8 - 3 1/4	0.005 0.00020	80 3.15	"	65.00 2.625
XTH80M	80-100	XTH80i	3 1/4 - 4	0.005 0.00020	85 3.35	"	80.00 3.250
XTH100M	100-125	XTH100i	4 - 5	0.006 0.00025	100 3.94	XTPG04	125.00 5.000
XTH125M	125-150	XTH125i	5 - 6	0.006 0.00025	100 3.94	"	125.00 5.000
XTH150M	150-175	XTH150i	6 - 7	0.007 0.00030	100 3.94	"	175.00 7.000
XTH175M	175-200	XTH175i	7 - 8	0.007 0.00030	100 3.94	"	175.00 7.000
XTH200M	200-225	XTH200i	8 - 9	0.008 0.00030	100 3.94	"	225.00 9.000
XTH225M	225-250	XTH200i	9 - 10	0.008 0.00030	103 4.05	"	225.00 9.000
XTH250M	250-275	XTH250i	10 - 11	0.009 0.00035	103 4.05	"	275.00 11.000
XTH275M	275-300	XTH275i	11 - 12	0.009 0.00035	103 4.05	"	275.00 11.000

SETS: Supplied with digital pistol grip, heads and rings

Range (mm)	Code No	Range (inch)	Code No
2 - 6mm	SXTH1M	0.080-0.25"	SXTH1i
6 - 10mm	SXTH3M	1/4 - 3/8"	SXTH3i
10-20mm	SXTH4M	3/8 - 3/4"	SXTH4i
20-50mm	SXTH5M	3/4 - 2"	SXTH5i
50-100mm	SXTH6M	2 - 4"	SXTH6i
100-150mm	SXTH7M	4 - 6"	SXTH7i
150-200mm	SXTH8M	6 - 8"	SXTH8i
100-200mm	SXTH9M	4 - 8"	SXTH9i

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

Range (mm)	Code No	Range (inch)	Code No
6 - 20 mm	SXTH10M	1/4 - 3/4"	SXTH10i
20 - 100mm	SXTH11M	3/4 - 4"	SXTH11i

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

