

Holematic 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.

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 2-6mm 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)
- Bore gauges manufactured according to DIN 863, part 4
- Supplied in fitted case



Digital Pistol Grip Bore Gauge

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

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Accuracy (mm) (inch)	Depth (mm) (inch)	Display Unit	Setting Ring (mm) (Inch)
XTH1M	2-2.5	XTH1i	0.080-0.100	0.004 0.00015	9 0.35	XTPG01	2.50 0.1000
XTH2M	2.5-3	XTH2i	0.100-0.120	0.004 0.00015	9 0.35	"	2.50 0.1000
XTH3M	3-4	XTH3i	0.120-0.160	0.004 0.00015	12 0.47	"	4.00 0.1600
XTH4M	4-5	XTH4i	0.160-0.200	0.004 0.00015	18 0.70	"	4.00 0.1600
XTH5M	5-6	XTH5i	0.200-0.250	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 0.3125
XTH8M	8-10	XTH8i	5/16-3/8	0.004 0.00015	58 2.28	"	8.00 0.3125
XTH10M	10-12.5	XTH10i	3/8-1/2	0.004 0.00015	58 2.28	"	12.50 0.500
XTH12M	12.5-16	XTH12i	1/2-5/8	0.004 0.00015	62 2.44	"	12.50 0.500
XTH16M	16-20	XTH16i	5/8-3/4	0.004 0.00015	62 2.44	"	20.00 0.750
XTH20M	20-25	XTH20i	3/4-1	0.004 0.00015	66 2.62	XTPG03	20.00 0.750
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	XTH225i	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 display unit, heads, rings and UKAS

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Measuring Heads	Setting Rings
SXTH1M	2-6	SXTH1i	0.080-0.250	5	3
SXTH3M	6-10	SXTH3i	1/4-3/8	2	1
SXTH4M	10-20	SXTH4i	3/8-3/4	3	2
SXTH5M	20-50	SXTH5i	3/4-2	3	2
SXTH6M	50-100	SXTH6i	2-4	3	2
SXTH7M	100-150	SXTH7i	4-6	2	1
SXTH8M	150-200	SXTH8i	6-8	2	1

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

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Measuring Heads	Setting Rings
SXTH10M	6-20	SXTH10i	1/4-3/4	5	3
SXTH11M	20-100	SXTH11i	3/4-4	6	3
SXTH9M	100-200	SXTH9i	4-8	4	2



DEPTH STOP

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

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

INDIVIDUAL PISTOL GRIPS

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)
XTPG01M	2-6	XTPG01i	0.080-0.250
XTPG02M	6-20	XTPG02i	1/4-3/4
XTPG03M	20-100	XTPG03i	3/4-4
XTPG04M	100-300	XTPG04i	4-12

DATA TRANSMISSION

Code No	Description
XTiP001	Serial Data Output Cable
XTiP002	USB Data Output Cable
XTiP003	Wireless Powered Opto Module