

# Digital Internal Micrometer



## XTH SERIES (PISTOL-GRIP)

The Bowers XT Hometric Internal Micrometers 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 300 mm ensures ease of use and assured accuracy. The XT Hometric pistol grip range of internal Micrometers 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 measuring head.

### TECHNICAL SPECIFICATIONS: Individual Instruments supplied with Digital Pistol Grip, Head and Ring

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Accuracy		Depth		Pistol Grip	Setting Ring	
				(mm)	(inch)	(mm)	(inch)		(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	0.5000"
XTH12M	12.5-16	XTH12i	1/2-5/8"	0.004	0.00015"	62	2.44"	"	12.50	0.5000"
XTH16M	16-20	XTH16i	5/8-3/4"	0.004	0.00015"	62	2.44"	"	20.00	0.7500"
XTH20M	20-25	XTH20i	3/4-1"	0.004	0.00015"	66	2.62"	XTPG03	20.00	0.7500"
XTH25M	25-35	XTH25i	1-1 3/8"	0.004	0.00015"	66	2.62"	"	35.00	1.3750"
XTH35M	35-50	XTH35i	1 3/8-2"	0.004	0.00015"	80	3.15"	"	35.00	1.3750"
XTH50M	50-65	XTH50i	2-2 5/8"	0.005	0.00020"	80	3.15"	"	65.00	2.6250"
XTH65M	65-80	XTH65i	2 5/8-3 1/4"	0.005	0.00020"	80	3.15"	"	65.00	2.6250"
XTH80M	80-100	XTH80i	3 1/4-4"	0.005	0.00020"	85	3.35"	"	80.00	3.2500"
XTH100M	100-125	XTH100i	4-5"	0.006	0.00025"	100	3.94"	XTPG04	125.00	5.0000"
XTH125M	125-150	XTH125i	5-6"	0.006	0.00025"	100	3.94"	"	125.00	5.0000"
XTH150M	150-175	XTH150i	6-7"	0.007	0.00030"	100	3.94"	"	175.00	7.0000"
XTH175M	175-200	XTH175i	7-8"	0.007	0.00030"	100	3.94"	"	175.00	7.0000"
XTH200M	200-225	XTH200i	8-9"	0.008	0.00030"	100	3.94"	"	225.00	9.0000"
XTH225M	225-250	XTH225i	9-10"	0.008	0.00030"	103	4.05"	"	225.00	9.0000"
XTH250M	250-275	XTH250i	10-11"	0.009	0.00035"	103	4.05"	"	275.00	11.0000"
XTH275M	275-300	XTH275i	11-12"	0.009	0.00035"	103	4.05"	"	275.00	11.0000"

### 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"



### FEATURES

- IP65 Electronics
- Simple 2-button operation
- Large easy-to-read swivel display
- 3 preset memories
- RS-232 output
- Self-centering heads
- Constant measuring pressure
- Fast, accurate measurement
- Range 2 - 300 mm (0.080" - 12")
- 2 - 6 mm: 2 point / 6 - 300 mm: 3 point measurement
- Resolution 0.001 mm (0.00005")
- Tungsten carbide measuring faces on all 3-point heads from 12.5 mm
- Blind bore measurement from 2 mm - 6 mm and above 12.5 mm (0.500")
- Extensions available above 6 mm for deep hole measurement
- Setting rings included with individual instruments and sets
- 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)
- Internal Micrometers manufactured according to DIN 863, part 4
- After Sales Service

### 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