

ELECTRONIC BORE GAGES

770 ELECTRONIC BORE GAGES WITH IP67 PROTECTION (WITH OUTPUT)

.080-12"/2-300MM

770BXT Electronic Internal Micrometers provide IP67 level of protection against coolant, water, dirt and dust in hostile shop environments. In addition, they offer extended travel, reducing the need to exchange anvils.



770BXTZ-138

FEATURES

- Equipped with an RS232 output - ideal for use with DataSure Wireless Data Collection System
- Wide measurement range without changing anvils
- Resolution to .00005" (0.001mm)
- Large high-contrast LCD digital readout is easy to read and reduces error
- Carbide measuring faces on sizes above 1/2" (12.5mm) diameter
- Extensions available for deep holes
- Includes instant inch/millimeter conversion and preset + and - functions
- Precision ratchet stop provides correct contact pressure for accurate readings
- Each micrometer bore gage with head comes with a wooden case, complete with setting ring, contacts, adjusting wrench, spare battery, and instructions



BORE GAGES

770XT Electronic Internal Micrometers, 2-Point Contact (.080-.250" (2-6mm) Range)

Cat. No.	EDP	Range in	mm	Accuracy in	mm	Approx. Meas. Depth in	mm	Ring Diameter in	mm
770BXTZ-100	72539	.080-.100	2-2.5	.00015	.004	3/8	9	.100"	2.54
770BXTZ-120	72540	.100-.120	2.5-3	.00015	.004	3/8	9	.100"	2.54
770BXTZ-160	72541	.120-.160	3-4	.00015	.004	15/32	12	.160"	4.06
770BXTZ-200	72542	.160-.200	4-5	.00015	.004	3/4	18	.160"	4.06
770BXTZ-250	72543	.200-.250	5-6	.00015	.004	3/4	18	.200"	5.08

770XT Electronic Internal Micrometers, 3-Point Contact (1/4-12" (6-300mm) Range), Fixed Anvils

Cat. No.	EDP	Range in	mm	Accuracy in	mm	Approx. Meas. Depth in	mm	Ring Diameter in	mm
770BXTZ-312	72544	1/4 - 5/16	6-8	.00015	.004	2-1/4	58	.3125	7.94
770BXTZ-375	72545	5/16 - 3/8	8-10	.00015	.004	2-1/4	58	.500	12.7
770BXTZ-500	72546	3/8 - 1/2	10-12.5	.00015	.004	2-1/4	58	.500	12.7
770BXTZ-625	72547	1/2 - 5/8	12.5-16	.00015	.004	2-3/8	62	.500	12.7
770BXTZ-750	72548	5/8 - 3/4	16-20	.00015	.004	2-5/8	66	.750	19.05
770BXTZ-1	72549	3/4 - 1	20-25	.00015	.004	2-5/8	66	.750	19.05
770BXTZ-138	72562	1 - 1-3/8	25-35	.00015	.004	3-1/16	80	1.375	34.93
770BXTZ-2	72563	1-3/8 - 2	35-50	.00015	.004	3-1/16	80	1.375	34.93
770BXTZ-258	72564	2 - 2-5/8	50-65	.00020	.005	3-1/16	80	2.625	65.68
770BXTZ-314	72566	2-5/8 - 3-1/4	65-80	.00020	.005	3-1/16	80	2.625	65.68
770BXTZ-4	72567	3-1/4 - 4	80-100	.00020	.005	4	100	3.250	82.55
770BXTZ-5	72568	4 - 5	100-125	.00025	.006	4-1/2	115	5.0	127.00
770BXTZ-6	72569	5 - 6	125-150	.00025	.006	4-1/2	115	5.0	127.00
770BXTZ-7	72570	6 - 7	150-175	.00030	.007	4-1/2	115	7.0	177.80
770BXTZ-8	72571	7 - 8	175-200	.00030	.007	4-1/2	115	7.0	177.80
770BXTZ-9	72572	8 - 9	200-225	.00030	.007	4-5/8	118	9.0	228.60
770BXTZ-10	72573	9 - 10	225-250	.00030	.007	4-5/8	118	9.0	228.60
770BXTZ-11	72574	10 - 11	250-275	.00035	.009	4-5/8	118	11.0	279.40
770BXTZ-12	72575	11 - 12	275-300	.00035	.009	4-5/8	118	11.0	279.40

See next page for sets.

Accessories for 770BXT Electronic Internal Micrometers

Part No.	EDP	Description	Required for Initial Wireless Connection 1 Device	> 1 Devices
PT61055	72941	770B Output Cable to USB		
PT61057	72942	770B Output Cable to USB with Footswitch		
		Free VMUX Software - 1 channel; visit starrett.com	x	
PT02497	73447	Wireless 4.0 dongle to PC Vmux Lite (1channel); VMUX standard (8 channels)	x	x
PT60996	72945	VMUX Standard Software (up to 32 tools)		x
PT99492	65650	Two 3-Volt Batteries, CR2032		

See page 41 for sets.



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See specifications on previous page



770BXT Electronic Internal Micrometer Sets, 2-Point Contact (.080-.250" [2-6mm] Range)

Cat. No.	EDP	Range in	mm	Number of Heads	Number of Rings
S770BXTBZ	72576	.080-.250	2-6	5	3

770BXT Electronic Internal Micrometer Sets, 3-Point Contact (1/4-8" [6-200mm] Range), Fixed anvils

Cat. No.	EDP	Range in	mm	Number of Heads	Number of Rings
S770BXTCZ	72577	1/4-3/8	6-10	2	1
S770BXTDZ	72578	3/8-3/4	10-20	3	2
S770BXTFZ	72579	3/4-2	20-50	3	2
S770BXTFZ	72580	2-4	50-100	3	2
S770BXTKZ	72581	4-6	100-150	2	1
S770BXTGZ	72582	4-8	100-200	4	2
S770BXTLZ	72583	6-8	150-200	2	1



S770BXTKZ



INREACH EXTENSIONS FOR 770B, 781B, 781 BORE GAGES

Extensions from 2-1/2 - 6" can be added to both the 770BXT and 78XT, enabling internal measurements in deep hole bores (Multiple extensions can also be used).

Internal Extensions

Cat. No.	EDP	Ext. Size in	mm	Fits Models	Model Size in	mm
78/782F	65484	2.5	63	78XT, 770BXT, 781BXT-312-375	1/4-3/8	6-10
78/782G	65485	3	75	78XT, 770BXT, 781BXT-375-500	3/8-1/2	10-12.5
78/782H	65486	4	100	78XT, 770BXT, 781BXT-625-750	1/2-3/4	12.5-20
78/782J	65487	6	150	78XT, 770BXT, 781BXT-1 thru 2	3/4-2	20-50
78/782K	65488	6	150	78XT, 770BXT, 781BXT-2 thru 12	2-12	50-300

78-782J with 770BZ-2

