

# 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 | 15/32                  | 12 | .160"            | 4.06 |
| 770BXTZ-160 | 72541 | .120-.160 | 3-4   | .00015      | .004 | 3/4                    | 18 | .160"            | 4.06 |
| 770BXTZ-200 | 72542 | .160-.200 | 4-5   | .00015      | .004 | 3/4                    | 18 | .200"            | 5.08 |
| 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 | 2-3/8                  | 62  | .500             | 12.7   |
| 770BXTZ-625 | 72547 | 1/2 - 5/8   | 12.5-16 | .00015      | .004 | 2-5/8                  | 66  | .750             | 19.05  |
| 770BXTZ-750 | 72548 | 5/8 - 3/4   | 16-20   | .00015      | .004 | 3-1/16                 | 80  | 1.375            | 34.93  |
| 770BXTZ-1   | 72549 | 3/4 - 1     | 20-25   | .00015      | .004 | 3-1/16                 | 80  | 2.625            | 65.68  |
| 770BXTZ-138 | 72562 | 1 - 1-3/8   | 25-35   | .00015      | .004 | 4                      | 100 | 3.250            | 82.55  |
| 770BXTZ-2   | 72563 | 1-3/8 - 2   | 35-50   | .00020      | .005 | 4-1/2                  | 115 | 5.0              | 127.00 |
| 770BXTZ-258 | 72564 | 2 - 2-5/8   | 50-65   | .00030      | .007 | 4-1/2                  | 115 | 7.0              | 177.80 |
| 770BXTZ-314 | 72566 | 2-5/8-3-1/4 | 65-80   | .00030      | .007 | 4-5/8                  | 118 | 9.0              | 228.60 |
| 770BXTZ-4   | 72567 | 3-1/4 - 4   | 80-100  | .00035      | .009 | 4-5/8                  | 118 | 11.0             | 279.40 |
| 770BXTZ-5   | 72568 | 4 - 5       | 100-125 |             |      |                        |     |                  |        |
| 770BXTZ-6   | 72569 | 5 - 6       | 125-150 |             |      |                        |     |                  |        |
| 770BXTZ-7   | 72570 | 6 - 7       | 150-175 |             |      |                        |     |                  |        |
| 770BXTZ-8   | 72571 | 7 - 8       | 175-200 |             |      |                        |     |                  |        |
| 770BXTZ-9   | 72572 | 8 - 9       | 200-225 |             |      |                        |     |                  |        |
| 770BXTZ-10  | 72573 | 9 - 10      | 225-250 |             |      |                        |     |                  |        |
| 770BXTZ-11  | 72574 | 10 - 11     | 250-275 |             |      |                        |     |                  |        |
| 770BXTZ-12  | 72575 | 11 - 12     | 275-300 |             |      |                        |     |                  |        |

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.

