

## XT500 Large Diameter 3-point Bore Gauge

The **Bowers XT500** large diameter 3-point bore-gauge has been designed specifically for the measurement of internal diameters between 300 and 500mm. The newly designed constant-force digital readout ensures that the measuring pressure remains constant throughout the measurement whilst radiussed measuring anvils provide optimum centralisation in the part. Anvil sets are supplied in 25mm steps (300-325, 325-350 etc) and each set has been manufactured to the exact toleranced size. The 300-325 mm anvils are the master reference set and are used for setting the gauge in the setting ring. The other anvil sets are then fitted as required without further re-setting. This means that only one 300 mm setting ring is required to set the gauge for all diameters in the full 300-500 mm range of the instrument.

WiFi  
see p251 for wireless options

RS232

### Features

- Measuring range: 300-500 mm
- New constant-force digital readout
- Single 300mm setting ring covers full range
- Radiussed anvils of tool-steel for optimum centering
- Accuracy: 15 µm
- Repeatability: 3 µm
- IP65 electronics
- RS232 output
- Resolution 0.01/0.001 mm. Metric/inch switchable
- Fast accurate measurement
- Extensions available for deeper bores
- UKAS certificate with setting ring
- Certificate of conformity with bore gauge
- Supplied in fitted case



XT500 Anvil Set

The Bowers XT500 with extension for deeper bores

**INDIVIDUAL INSTRUMENTS:** Supplied with digital display unit, measuring head with exchangeable anvils and setting ring with UKAS certificate

Code No	Range (mm)	Accuracy	Depth (mm)	Setting ring (mm)	Price (£)	
SXT3000M	300-400	15 µm	120	300	£2,739.00	Q
SXT5000M	300-500	15 µm	120	300	£4,269.00	Q

### CABLE

Code No	Description	Price (£)	
30-905-4516	Serial Data Output Cable	£91.00	I
30-926-6821	USB Data Output Cable	£107.00	I