

Bore Gauges and So Much More

The **Bowers Metrology Group** is approaching the forthcoming MACH exhibition with eager anticipation, as it will be showing its largest range of new instruments ever. Designed for shop-floor use, the recently launched XTL Lever range of bore gauges has a simple ergonomic action and can be fitted with a wide variety of analogue and digital indicators or transducer probes. The gauges boast hardwearing extended travel carbide measuring anvils and are able to measure diameters of up to 300mm. Bowers is also able to manufacture affordable 'one-off' XT Lever instruments to cater for a wide range of other problematic, internal measuring applications, such as threads, grooves, splines, etc.



Making an exhibition debut, Bowers' ingenious new XT500, has expanded the company's 3-point, bore gauging capability from 300 mm – 500 mm. To facilitate the gauge's impressive application range, the cost effective new Bowers XT500 is supplied with a series of precise extensions and a certified setting ring, allowing the gauge to be quickly configured to measure bores within the range of 300 mm – 500 mm. Boasting an impressive IP65 rating, rendering the gauge resistant to coolant, water and airborne particles, Bowers digital XT500 is based on the best-selling XT Xtreme Bore Gauge, and is ideal for use within hostile measuring environments, such as in close proximity to machine tools. Amongst a long list of useful features incorporated into these, radical tough instruments are: a large, clear digital display, metric/inch conversion and an RS 232 output.

Bowers' material testing arm, CV Instruments boasts probably the largest number of new Group instruments, including a major new range of Eseyaw bench hardness testers and portable testers for the measurement of hardness, surface finish, vibration and coating thickness. CV's famous bench hardness tester range has been further expanded and now offers basic analogue Rockwell testers, through to in-line universal testing machines.

New Group member Baty International, one of the world's leading designers and manufacturers of optical-based measuring instruments and gauging products, will be exhibiting its range of high-quality products on the Bowers stand.

As exclusive UK distributors for renowned Swiss manufacturers Trimos, Sylvac and Wyler, Bowers are able to offer high quality gauges in almost all areas of precision measurement. On display will be the Trimos Optima tool presetting range, featuring facilities normally associated with so called 'high-end systems', at a price affordable to most general engineering companies. Famous Group member Moore & Wright will be exhibiting a wide variety of products from its comprehensive product range.

Bowers promises high-quality, affordable gauges suitable for all aspects of measurement on its all-inclusive stand (Stand 5510, Hall 5).