

**Johs. Boss
eMultiCheck**

The eMultiCheck 2.0 USB is the latest development of JBO. "e" stands for a combination of the tried and tested MultiCheck with a motorized drive, which is controlled by a microprocessor.



Image:
Johs. Boss GmbH & Co. KG

In version 2.0 a USB interface is integrated into the device, which allows all relevant setup settings to be performed comfortably by means of the eMultiCheck-software via a Windows PC.

The main advantage is the combined checking of the accuracy to thread size and the thread depth with one single measuring device. The thread gauging cycle time is reduced by 80 %. The thread gauging is effected automatized with a constant torque, irrespective from but adjustable by the operator. Transferring the measuring depth via wireless devices is possible. Settings as direction of rotation, torque, through-hole mode, as well as the blocking of certain functions can be performed comfortably via the eMultiCheck-software.

Hall 3, Booth 3216

**New TMC products
CleanBench™ and
Everstill™**

The new CleanBench™ vibration isolation lab tables are the next generation of TMC's successful 63-500 series. The new table top has a laminated platform design surrounded by a stainless steel shell. It is available either with a smooth surface or with a grid of metric (M6 on 25mm) tapped holes. Despite the 50 mm thickness of the table top, the new patented design enables a bigger stiffness and a better inner damping than a 100 mm thick top with the conventional honeycomb structure. Another advantage of the slim table top is that it is ergonomically optimized for the seated microscope-users. Furthermore, the reduced thickness at same mass lowers the center of gravity on the top of the Gimbal Piston™ Air Isolators which results in a higher stability and a better transient response.

Hall 4, Booth 4502

**Hardness Testing Reinvented
with the Internet of Things**

New generation wireless impact device and mobile app – Equotip® Live – with real-time data sharing and cloud backup creates new industry standard in portable hardness testing.



Image:
Proceq SA

The world's first full Internet of Things (IoT) / Industry 4.0 portable hardness testing solution, Equotip® Live, has been launched today by Proceq, global leader in portable measurement solutions for non-destructive materials testing.

This is the biggest innovation in hardness testing since the launch of the Equotip in 1975. Equotip Live has been developed for the Internet of Things by leveraging smartphone technology – today's standard for powerful productivity apps – and wireless technology, to eliminate the need for cables. It harnesses the cloud where data is stored and accessible from anywhere, just like with e-banking.

Equotip Live is simple to use and redefines intuitiveness in portable hardness testing. Reports can be shared immediately via the app or the secure Proceq Live cloud using any internet browser.

Proceq CEO Ralph Mennicke said: "Equotip Live is a synonym for future-proof portable hardness testing. We are offering best-in-class accuracy, unique ease of measurement and the ability to share data - live and on a broad scale. On many fronts, Equotip Live will set new standards within portable NDT."

Marcel Poser, Proceq Executive Chairman and Tectus Group CEO commented: "Our investment in delivering advanced solutions is relentless and will continue to leverage benefits of next generation technology for the sensor and measurement space. The R&D team is already working on further innovations which will also reflect the Tectus Group's work at its Tectus Dreamlab Singapore innovation hub."

Hall 7, Booth 7403

**EpoKwick™ FC Fast Cure Epoxy Mounting Compound
Top Quality Sample Preparation
in Materialography**

At the Control show to be held in Stuttgart/Germany from May 9 – 12, 2017, Buehler ITW Test & Measurement will be showcasing at its Booth 5135 in Hall 5 its new premium epoxy mounting system EpoKwick™ FC, which cures without a furnace within no more than two hours, so that mounted samples will be available for the next processing step within the shortest possible time.



EpoKwick FC provides the lowest mix viscosity available in a room temperature cured epoxy, and therefore offers maximum penetration of gaps, cracks and pores. In addition, the new epoxy system, consisting of resin and hardener, has a strong physical adherence. Shrinkage gaps are avoided in most samples, so there are no voids between the mounting material and the sample. The sample edges are protected, and the risk of contamination is minimized.

Buehler's new fast-cure epoxy mounting system EpoKwick™ FC

Image: ITW Test & Measurement GmbH

With these outstanding features, EpoKwick™ FC is ideal for mounting samples that cannot withstand the higher temperatures and pressures resulting from the use of a mounting press.

Hall 5, Booth 5135