

Tool-dispensing system manages tool availability



Source: Mapal

The automatic tool-dispensing system Unibase-M ensures a fast, efficient and controlled tool supply.

Tool dispenser - Mapal's Unibase-M automatic tool-dispensing system stands for optimum storage and management of tools, components and accessories and offers numerous innovative as well as user-friendly features.

Unibase-M is designed as a modular system for managing and dispensing tools and ensures a fast, efficient and controlled

tool supply. Starting from a basic module with a computer unit, the system can be individually configured to suit the application. Storage is either centralised or decentralised directly at the machine. Unibase-M can be easily integrated into external ERP systems or existing operating facilities.

mapal.com

Accurate, easy-to-use metal analyser



Source: Spectro

Spectroport's optical system covers a wide range of elemental wavelengths.

Spectrometry- Spectro Analytical Instruments has introduced its Spectroport portable Arc/Spark Optical Emission Spectrometry (OES) metal analyser, which delivers advanced OES technology in a unit that is as easy to use as a handheld analyser. According to the company, Spectroport

delivers many advantages of its flagship mobile Spectrotest OES analyser in a smaller, lighter unit featuring effortless point-and-shoot performance for fast, ready response and flexible portability with minimal standardisation.

Spectroport is as fast as a handheld XRF, with many analyses taking only a few seconds, Spectro says. But unlike XRF, it accurately analyses elements such as carbon, sulphur, phosphorus, boron, lithium, beryllium, calcium, silicon, magnesium and aluminium at low and critical levels. Its new optical system covers a wide range of elemental wavelengths, displaying stability and robustness without additional heating. Spectroport also offers flexible options to maximise mobility, including large and small transport trolleys plus portable batteries. spectro.com

Laser measurement solution and inspection software launch

Measuring - Third Dimension will be launching Vectro, an automated laser measurement system, and Inspect, an intuitive inspection software, at Control. Vectro has been designed for automated use, for integration either robotically or as a fixtured installation, replicating the advanced capabilities of the company's GapGun Pro, used for quality control by manufacturers in automotive, aerospace and energy industries. Designed to be simpler, faster and cheaper than the GapGun Robot+ that it replaces, Vectro is ideal for high-precision break sharp-edge applications or fast throughput of production checks. Consistent positioning delivers repeatable and reliable results and its VChange sensors can measure a diverse range of features and surfaces.

Inspect can analyse a component's profile when used



Source: Third Dimension

Vectro is said to be simpler, faster and cheaper than the Gap-Gun Robot+ that it replaces.

alongside the GapGun Pro. It is quick and easy to use, with multi-section drag and drop tools to provide accurate and traceable digital inspection results and is equally good for offline metrology checks. It can also calculate multiple dimensions of a complex shape. third.com

Precision sectioning, even for delicate samples

Sectioning - Iso-Met High Speed is a new, table-top precision cutter that has been designed for use on the laboratory table and is available from Buehler. Equipped with abrasive or diamond blades, the machine cuts virtually any type of material, from ductile metals to brittle ceramics, the

company says. The cutter has a powerful motor, an intuitive user interface and allows rapid sample fastening.

The touchscreen layout featuring animated icons provides access to all cutting parameters and facilitates programming of consistent, repeatable single or serial cutting. A rapid-clamping rail and a tool-less vising system offer easy fastening and adjustment of the sample within seconds. Cutting can be performed either manually by means of a joystick or automatically. The Smart-Cut automated cutting-blade feed system avoids damage to the cutting machine and to the sample. Accessories offered for the Iso-Met include a rapid-rail vise holder, single and double saddle chucks, a variety of quick clamp vises and a retrofit kit. buehler-met.de



Source: ITW

Iso-Met High Speed is said to cut virtually any type of material, from ductile metals to brittle ceramics.