

Exhibitions - Wire

Buehler at Control 2017

May 8, 2017

Buehler Demonstrates Innovations in Sample Preparation and Hardness Testing



At the Control 2017 show to be held in Stuttgart/Germany from 9 – 12 May, 2017, Buehler ITW Test & Measurement (www.buehler.com) will be presenting at its Booth 5135 in Hall 5 new and improved products from its extensive portfolio of equipment and consumables for hardness testing, covering all stages from sample preparation to actual hardness measurement.

New benchtop precision cutters

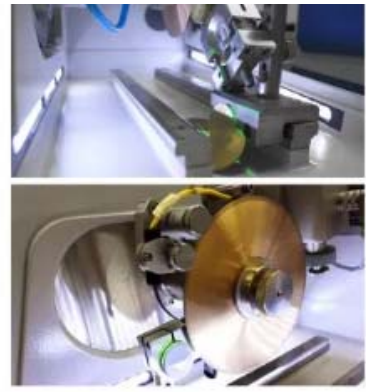
A major point of interest at the show will be the new IsoMet™ High Speed benchtop precision cutters. Equipped with abrasive or diamond blades, these cutters section virtually any material from brittle or ductile metals through composites, ceramics and plastics right up to electronic components and biomaterials. Their outstanding features include high efficiency, powerful dust and chip-resistant

minimizes damage to the sample and to the cutter, resulting in an optimized sectioning process for all materials. Users moreover benefit from a clearly structured user interface and quick sample fastening. IsoMet™ High Speed models are therefore particularly suited to busy laboratories requiring highest quality standards.

Hardness and micro-hardness test systems

Further exhibits will be the ergonomically optimized Series VH1100 hardness testers, available with varying levels of automation, and the DiaMet™ universal hardness testing software. Like the Series VH1100, the Wilson® VH3300 micro-hardness testers also provide for high degrees of automation.





Fast, reliable mounting

In addition, Buehler will be showcasing its fast and reliable SimpliMet™ 4000 mounting press for mounting of samples prior to grinding and polishing, designed specifically for demanding industrial applications. A novelty at the Control 2017 show will be the fast-curing EpoKwick™ FC mounting compound, developed by Buehler to provide maximum quality in the preparation of materialographic samples. Curing within just two hours without needing a furnace, EpoKwick™ ensures that mounted samples are available for the next step in the process within the shortest possible time.

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process-related quality control. Buehler ITW Test & Measurement's product portfolio covers a variety of sectioning and precision sectioning machines adapted to specific applications, mounting presses with the associated epoxy and acrylic mounting compounds, grinding and polishing machines as well as Rockwell, Vickers/Knoop, Brinell and universal hardness testing systems.