



Instrument
Portfolio

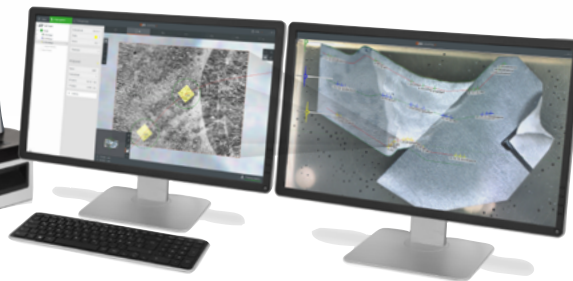
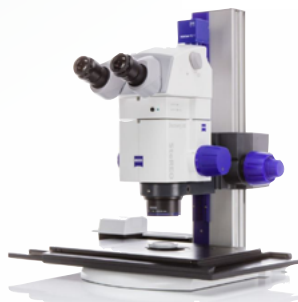
2019

Materialography

Microscopy & Imaging

Hardness Testing

*Portable PMI
Analysers*



An Unrivalled Partnership of Quality Brands





MetPrep have represented the highly respected German manufacturer ATM in the UK for nearly 25 years and have developed a strong relationship with them, such that ATM cutters, presses and polishers can be found in the laboratories of many leading manufacturers in the UK. ATM equipment is designed

in-house and built from components largely manufactured on site, ensuring the highest quality products. From their largest Cutters (Brilliant 2000) to the smallest polishing accessory our customers can rely on ATM, knowing they probably have the best metallurgical preparation equipment in their laboratory.



Brilliant Precision and Abrasive Cutters
With cutting wheels from 75 to 813mm, our machines will tackle any laboratory sample.



Saphir Grinder/Polishers
Manual, Semi-automatic and Fully-automatic Systems including the new Saphir X-Change.



Opal Mounting Presses
Using mould sizes from 25 to 50mm, the Opal X-press is the world's first Modular Mounting Press System.

SciAps

SciAps is a Boston, USA (MA) based scientific instrument manufacturer who produce and develop the latest innovations in the field of Hand held analytical equipment which is utilised in most industrial sectors including Aerospace, Automotive and Oil & Gas as well as academic research.



LIBS

A pioneer in producing the world's first Hand held LIBS (Laser Induced Breakdown Spectroscopy) the Z range which can detect Carbon in steels down all the way down to "L" grade stainless represented a technological breakthrough never seen before in this level of instrument .



XRF

The X range of instruments is new generation of hand held XRF units which combine all of the highly trusted features you would expect of these tried and tested units and loaded with an Android App based operating system running an extremely fast detector technology packed into a 1.7kg instrument makes the X the best solution for your next alloy analyser when speed and accuracy is required using a non-destructive technique .



Preferred Partner

In June this year MetPrep joined with ZEISS in a strategic & complimentary partnership. Our aim is to provide unrivalled microscopy & imaging solutions to anyone involved in material inspection & investigation. As suppliers of materials preparation equipment and consumables, MetPrep hold a strong position in industry, research and education - a mutually beneficial alliance

for both organisations & our customers. As a Preferred Partner, we present a large selection of ZEISS microscopy & associated solutions at our Jim Ashby Laboratory & Training Centre. Our customers & samples are welcome for both in-house discussions/ evaluation or on-site demonstration.



AxioLab 5 – Routine microscopy with coded nosepiece, LED illumination for reflected or transmitted illumination



SmartZoom 5 – Digital microscope for easy to use & extremely capable imaging. Auto-focus, motor zoom, auto stage & 2 element focus (stage & head) telecentric, apochromatic optics



Stemi 508 – Apochromatic zoom stereo. Fully modular programme with widest selection of lenses, stands, lighting, cameras & accessories

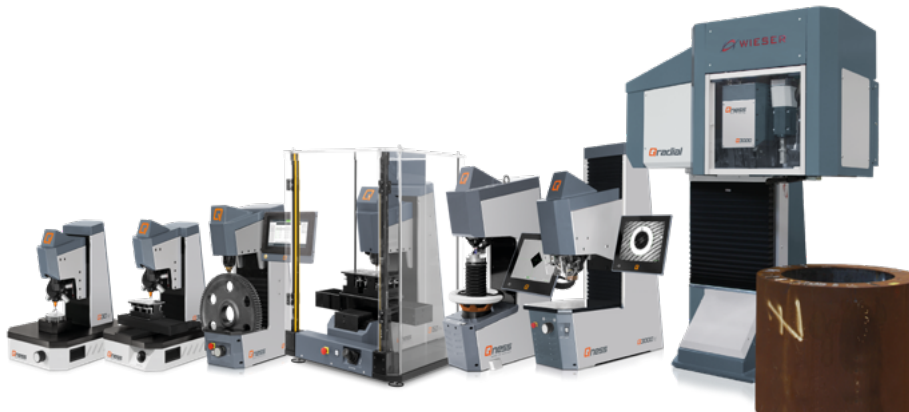


ZEN – Imaging software for all applications. Integral workflow & reporting. Applications include 3D imaging, mosaic, metallographic modules (grain, phase, coating, steel inclusions, particle analysis) time lapse, bespoke macro programming capability



Qness are an Austrian based organisation, part of the Verder group of companies along with ATM. Innovators of high-end products for hardness testing with unequalled quality, Qness strive for excellence in all aspects of design, manufacture & support.

The product portfolio conforms to all latest standards with state-of-the-art technology for Brinell, Vickers, Knoop and Rockwell norms. In addition to standard products, we offer custom-made, automated, test instruments.



Q10-Q60 range of universal instruments. Manual to fully automated. Loads 0.5g – 62.5Kg (Brinell, Vickers, Knoop, Rockwell) also available in CHD dedicated forms

Q250-Q300 EVO range of macro instruments. Manual to fully automated. Loads 0.5g – 3000Kg (Brinell, Vickers, Knoop, Rockwell)

QPIX – advanced control & reporting software – the basis for all Qness solutions

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The Jim Ashby Laboratory and Training Centre

In 2018 we opened the laboratory at our new facility in Falkland Close, Coventry. The aim was to give our customers the best experience of new equipment for the Materials Laboratory anywhere in the UK.

We believe The Jim Ashby Laboratory and Training Centre is the best outside a manufacturer's showroom in Europe. We showcase equipment from all four of our equipment partners providing an ideal opportunity for our visitors to have hands-on experience of the functionality and build quality of these advanced technologies before they purchase. Each partner's equipment has a dedicated area with all machines fully working.

As products are developed and improved MetPrep will always endeavour to showcase the latest instruments keeping the laboratory completely up to date.

Everyone at MetPrep embraces the opportunity to welcome visitors to Coventry – please contact your local representative or the Sales Office to make an appointment, or just call in.

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MetPrep News

A special opportunity to see the equipment and meet our staff will take place at an

OPEN HOUSE

on **Wednesday & Thursday, October 9th & 10th**
Open from 9.00am to 4.30pm

On show will be:

ATM

Brillants 265, 250.3, 240, 220 and 200

Opals 410 and X-Press

Saphirs 375, X-Change, 550.3, 250A1 ECO and Vibro.

ZEISS

Axio ImagerM2m, Scope 7, Lab5.

Smartzoom 5

Stereozooms Discovery V12, Stemi 508, Stemi 305

Qness

Q30 Vickers Hardness tester

SciAps

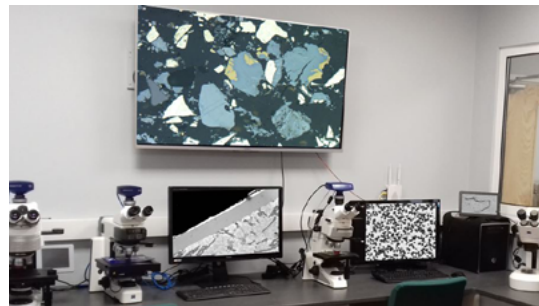
XRF X-200 Analyser

LIBS Z-300 + C-LIBS Analyser

VENUE: The Jim Ashby Laboratory and Training Centre, 1, Falkland Close, Charter Avenue Industrial Estate, Coventry, CV4 8AU

Please contact Ann-Marie on **024 7642 1222** for further information and to register your interest

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