

5 Reasons to Upgrade to TEM and Ultim[®] Max

Unlock the full potential of your TEM through advanced EDS acquisition and analysis. Maximise your sample analyses by upgrading your existing X-Max detector to AZtecLive and Ultim Max.

1 Extreme Electronics

- Designed for high throughput without compromising signal quality for accurate results
- Low noise electronics allowing for faster data acquisition

2 Optimised Geometry

- Increased solid angle
- Improved designs to position the detectors as close to the pole piece as possible
- Maximised count rate at all tilt angles

3 Improved Sensitivity

- Windowless for improved low energy sensitivity
- *In situ* heating experimentation at temperatures up to 1000 °C

4 Advanced Quantification Methodology

- Measure sample thickness from EDS data
- Automatic adsorption correction for quick and accurate quantification

5 Real-time EDS Mapping

- View real-time EDS maps through the incorporation of AZtecLive within AZtecTEM
- Observe chemical changes as they occur *in situ*

Visit nano.oxinst.com/AztecTEM or
Email na.upgrades@oxinst.com

