



M2 BLIZZARD

● Slotted Tabletop Micro-XRF Spectrometer

Bruker's M2 BLIZZARD is a Micro-X-ray fluorescence spectrometer for the non-destructive analysis of material compositions and multi-layer coating thickness, in accordance with ASTM B568 and DIN/ISO 3497. The slotted instrument design is ideal for flat and oversized samples, i.e. large printed circuit boards. The instrument is controlled by the all new, state-of-the art XSpec Pro software.

A perfect solution for PCB analysis

Key features:

- Slotted configuration with extendable "super-sized" sample stage
- Slot gap 20 mm
- Large and highly durable sample tray for sample positioning
- All-new XSpec Pro software
- All-new XData software for method and reference standards management
- Configurable measurement user interface and results display
- Spectra auto save for post-measurement results reprocessing and archiving
- User-defined tolerance for easy PASS/FAIL determination
- "Peak-Finder" for qualitative analysis of unknowns
- Standard measurement report included
- Optional, industrial-strength foot-switch for measurement START/STOP
- Optional, fully configurable SPC features for your process
- Clean and simple instrument to PC interface – one single USB cable.

Innovation with Integrity

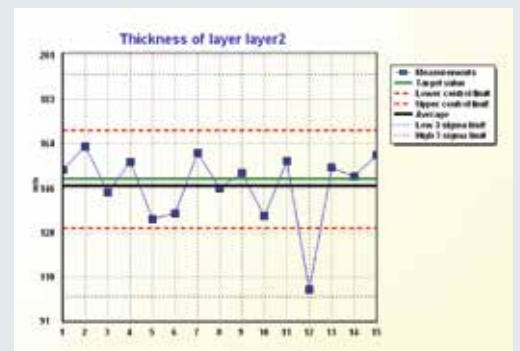
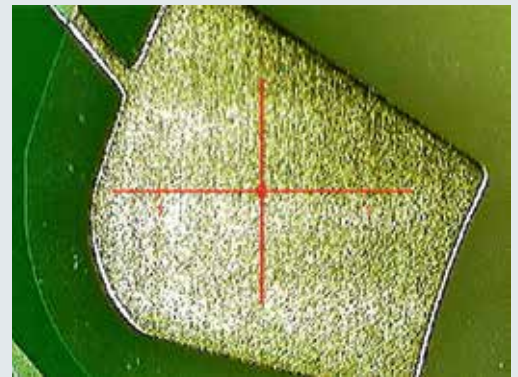
Micro-XRF

Technical Data

Parameter	Specifications
Excitation	Micro-focus, high performance with side window, W-target
High voltage	50 kV, 50 W
Detector	Peltier cooled high performance XFlash® silicon drift detector, 30 mm ² active area, < 150 eV energy resolution at Mn-K α
Spot size	Fixed collimator, choice of 0.1 to 1.5 mm diameter Optionally: collimator changer with 4 positions Other collimators, e.g. slit on request
Sample view	Color CCTV high resolution camera system, magnification ~ 20 x
Sample stage	Manual with plastic sample tray Motorized Z-stage with auto focus for measurement head, 30 mm travel
Quantification	Bulk analysis: standard-based empirical and standard-less or standard-supported FP-based models Coatings / layer systems: FP-based model
Power supply	110/230 VAC, 50/60 Hz, max. 120 W
Dimensions (W x D x H)	1055 mm x 688 mm x 430 mm
Weight	75 kg

Analysis performed according to ASTM B568 and DIN/ISO 3497 standards.

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● **Bruker Nano GmbH**
 Berlin · Germany
 Phone +49 (30) 670990-0
 Fax +49 (30) 670990-30
 info.bna@bruker.com

Bruker Singapore Pte. Ltd.
 The Helios · Singapore
 Phone +65 (6500) 7288
 Fax +65 (6500) 7289
 info@bruker.com.sg



www.bruker.com/m2blizzard