

MicroMet

MEASUREMENT DEVICE FOR GRAVURE CYLINDERS – CHROME LAYER THICKNESS



Overview of features:

- Non-destructive measurement of chrome layers
- Optimized measuring method for chromium(III) and chromium(VI)
- Extremely fast, reproducible measurement results
- High-precision determination of values
- Specially developed chassis for easy handling, precise probe guidance and centered positioning on cylinder
- Can be used on all common cylinder circumferences
- Easy-to-read display and intuitive user guidance

Technical data:

- Screen: touchscreen in languages: de, cs, en, es, fr, it, pl, tr
- Measurable layer: Cr on Cu measurement of electrically non-conductive layers on non-ferrous metals (ISO/NF)
- Measuring method: amplitude-sensitive eddy current measuring method according to DIN EN ISO 2360, ASTM D7091
- Measuring range: 0 - 800 µm
- Accuracy based on standards
 - up to 10 µm: $\leq 0.5 \mu\text{m}$
 - 11... 50 µm: $\leq 2.5 \mu\text{m}$
- Repeatability based on standards
 - up to 10 µm: $\leq 0.3 \mu\text{m}$
 - 11... 100 µm: $\leq 1 \mu\text{m}$
 - 101 ... 800 µm: $\leq 1 \%$ of measured value
- Minimum layer thickness copper: $\geq 150 \mu\text{m}$
- Dimensions in mm (L x W x H): 290 x 160 x 240
- Weight: approx. 3.9 kg
- Power supply: battery pack 2100 mAh, 110 – 230 V plug-in power supply unit
- USB connection: USB Mini-AB connection for printer / PC
- Probe: single-pole spring-loaded measurement probe

Further information:

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MADE TO MEASURE

BASED ON INNOVATION.