

Measuring device for extrusion dies VCPEx⁺

Stand-alone system for high-precision and fast measurement of wire guides and mouthpieces

Product No.: 401.0007.04



Technical details:

Size (width x length x height)	750 x 420 x 450 mm 29.52 x 16.53 x 17.71 Inch
Weight	45 kg 99.2 lbs
Supply Voltage	100 - 240 V 50 - 60 Hz
Input Power	max. 100 Watt
Resolution	1 mm width = 1 µm/Pixel 15 mm width = 3 µm/Pixel
Lighting	telecentric LED lighting
Camera	customised
Measuring range	S 0.25 - 5 mm / 0.01" - 0.2" M 5 - 15 mm / 0.2" - 0.6"

Device details:

- Robust and compact design, easy to handle
- Fast, reliable and highly accurate measuring process
- Integrated hardware and software, touch monitor for intuitive operation
- Reliable, high-precision clamping of the test specimen (including conical tools / conical wire guides)
- The highly precise alignment of camera and test object clamp both enable a highly accurate measurement of the concentricity between inner profile and outer contour of the test piece
- No extraneous light influences thanks to measurement behind closed sliding door

Possible measurement results:

- Maximum, minimum and average inside diameter
- Runout testing
- Centricity / concentricity - available on request; requires extruding tool tolerances

Area of application & benefits:

- Camera-based system for measurement of wire guides, mouthpieces and drawing dies mean that only tools tested independently of users are used in production
- Specially designed for use in production, the tool store and the laboratory
- Reliable, fast and accurate quality control
- Traceability of results for convenient presentation of the life cycle of your tools
- Time and cost savings for your measurement

