

# Measuring Device for Extrusion Tools VCPEX<sup>+</sup>

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

Product No.: 401.0007.04



Ensure your product quality right from the beginning - even before the production process. ✓

## Technical details:

<b>Size</b> (width x length x height) (Technical changes reserved)	<b>Closed Housing</b>
	750 x 420 x 260 mm 29.5 x 16.5 x 10.2 Inch
<b>Weight</b> (Technical changes reserved)	<b>Open Housing</b>
	750 x 650 x 500 mm 29.5 x 25.6 x 19.7 Inch
<b>Supply Voltage</b>	100 - 240 V 50 - 60 Hz
<b>Input Power</b>	max. 100 Watt
<b>Resolution</b>	corresponds to 0.1% of the image field
<b>Lighting</b>	telecentric LED lighting
<b>Camera</b>	up to 2 measuring fields depending on the diameter range
<b>Measuring range</b>	up to 15 mm (0.6") in various configurations

## Device details:

- Fast, reliable and highly accurate measuring process
- Telecentric cameras and lighting guarantee exact measurement results
- Up to 2 cameras and measuring fields in one compact device
- Simple handling and positioning of the extrusion tools (including conical tools / conical wire guides)
- Focus indicator for easy focus adjustment
- No extraneous light influences thanks to measuring within a closed housing
- VeloxExtrusion measurement software included
- Robust and compact design, easy to handle

## Possible measurement results:

- Maximum, minimum and average inner diameter  
(In this way, deformations or wear and tear of the tools can be detected - in order to avoid undefined over extrusion or undercutting of the wall thickness.)

## Area of application & benefits:

- Camera-based system for measuring wire guides and extrusion tools mean that only independently tested tools without user influence are used within the production process
- Specially designed for use in production, the tool handout 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



Measurement  
Devices



Software



Devices for Sample  
Preparation



Laboratory Equipment  
for Material Tests



Further Devices  
for the Cable Industry