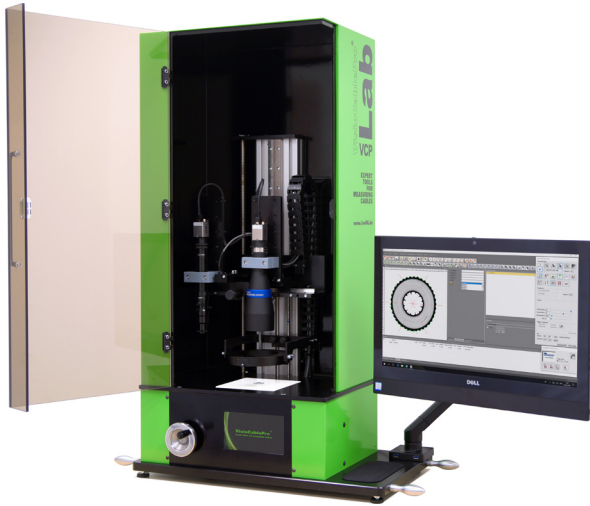


# Cable measurement device VCPLab

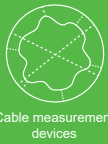
For cable samples with an outer diameter up to 38 mm (1.49")

Product No.: 401.0003.01



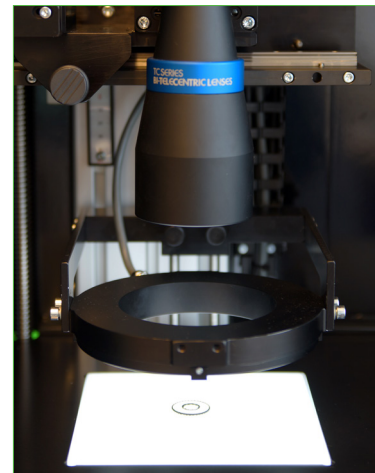
## Technical details:

|                                       |   |
|---------------------------------------|---|
| <b>Size</b> (width x length x height) | 1150 x 380 x 1070 mm<br>45.27 x 14.96 x 42.13 Inch  |
| <b>Weight</b>                         | 75 kg<br>165 lbs                                    |
| <b>Supply Voltage</b>                 | 100 - 240 V<br>50 - 60 Hz                           |
| <b>Input Power</b>                    | max. 100 Watt                                       |
| <b>Resolution</b>                     | 4 mm width = 4 µm/Pixel<br>40 mm width = 6 µm/Pixel |
| <b>Lighting</b>                       | LED   |
| <b>Camera*</b>                        | up to 2 cameras                                     |
| <b>Measuring range</b>                | 0 up to max. 38 mm (1.49")<br>outer diameter        |



## Device details:

- Robust case seals against extraneous light
- Central control unit
- Semi-automatic focussing and illumination
- Safe from impacts and vibrations
- Quasi shadow free transmitted light
- Optimal system status for lighting, optics and camera
- A measurement with 2 cameras is possible
- Adjustable operation distance for 2D measurements in laboratories
- Very precise measurement due to high resolution sensors
- Standardised individual components
- Very easy measuring procedure
- Measurement according to **IEC 60811 -201, -202, -203**
- Suitable software FMC-3 and CAQ-System ProCable available



## Area of application:

- Camera-based system for measuring cable geometries from insulations and sheaths
- Especially for the use in production and laboratory
- Suitable for very thin cores smaller than 1 mm (0.04") up to sheath thicknesses with an outer diameter of 38 mm (1.49")
- Time and material saving and therefore sustainable cost reduction due to quick and very efficient measurements

\* the most suitable configuration can only be determined with your minimum and maximum sample outer diameter