VisioCablePro®
EXPERT TOOLS FOR MEASURING CABLES

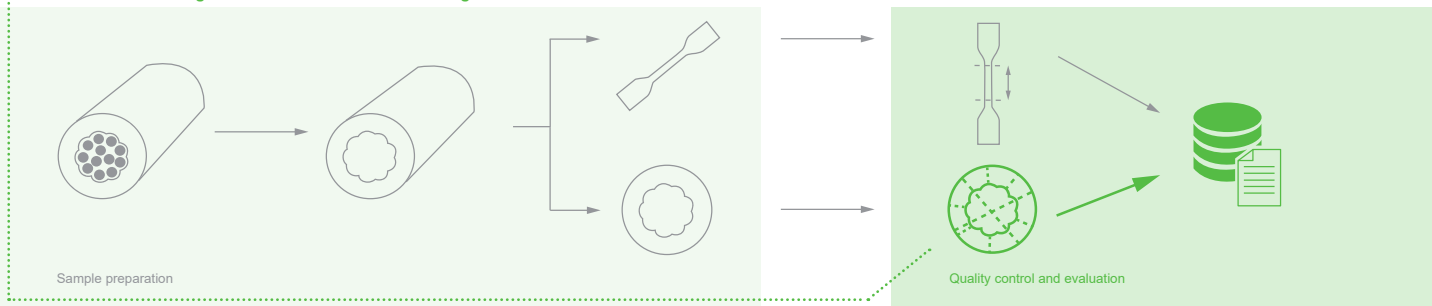# Cable Measurement Devices

for measuring geometries on cable insulation and jackets according to the standards IEC 60811 -201; -202; -203 / LV112 (A Factor)

iiM cable measurement engineering has especially been developed to carry out geometrical measurements, which specifically fulfill cable producer's requirements to measure the geometrical features of insulating skins and cable sheaths. The complete package consists of the devices of the VisioCablePro® series VCPLab and VCPX5 as well as the measuring software FMC-3, VCPEasy and the CAQ-System ProCable 3.
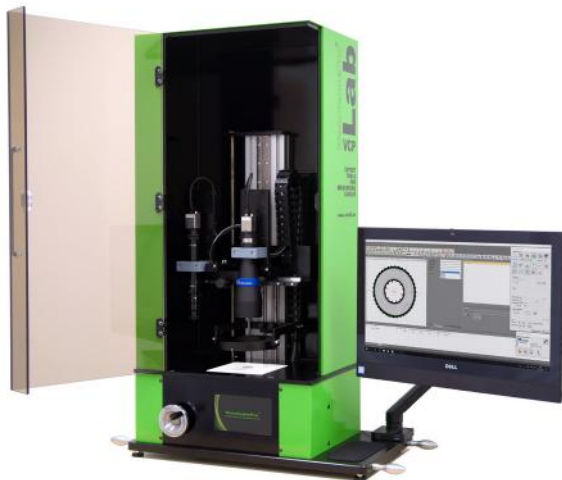
The optical cable measuring devices of the VisioCablePro® series create high resolution colour video images of cable samples with a diameter up to 130 mm (5.11 Inch). The software FMC-3 and VCPEasy additionally help you to evaluate these pictures and by using the CAQ-system ProCable 3 you can archive the obtained results and manage your orders.

The cable measurement devices are often used in combination with the cutting machines of the ORC Family. Advantage: Enormous improvement of the measuring accuracy by reducing the user influence, sample irregluarities or shadows.
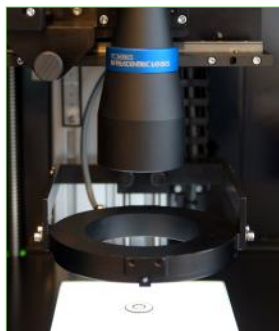
Material tests and geometric measurements according to the standards

Sample preparation

Quality control and evaluation

VCPLab

- Suitable for very thin cores smaller than 1 mm (0.04") up to sheath thicknesses with an outer diameter of 34 mm (1.34")

- Very precise measurement due to high resolution sensors

- Semi-automatic focussing and illumination

- Suitable software FMC-3 and CAQ-System ProCable

- Especially for the use in production and laboratory

- Time and material saving and therefore sustainable cost reduction due to quick and very efficient measurements

VCPX5

- By using different lenses and high-resolution cameras, very small and very large cable sample measurements up to 130 mm are possible (larger customisations are possible)

- Quick and very easy measurement

- No user influence on default optical focus as well as default optimised, intelligent and homogeneous lighting

- Suitable software: FMC3 (measuring software), VCPEasy and ProCable3 (CAQ system)

- Various external CAQ software are connectable (CIQ-AESA; ADVARIS; QDA-ASI-DATAMYTE; QUASAR;etc.)

- Measuring device especially designed for use in production as well as in laboratories (quick-test; with VCPEasy: 1-button measurement)