

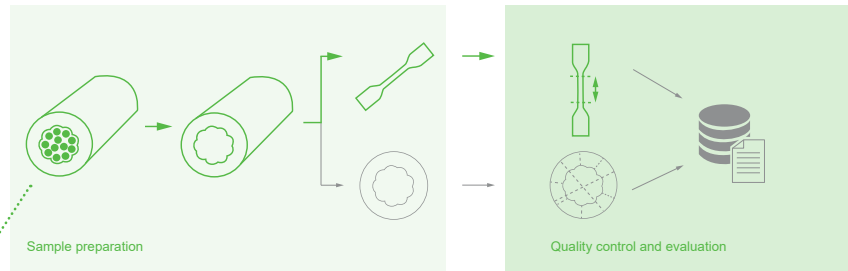
# Laboratory equipment

## for preparing and measuring cable samples according to the standards

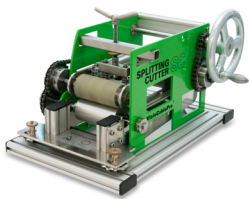
Our business unit „Cable Measurement Engineering“ under the brand VisioCablePro® develops and produces measuring devices for the wire and cable industry. In particular, cable measuring devices for measuring geometries on cable insulation and jackets. The product portfolio is supplemented by innovative solutions for cable sample preparation as well as performing various material tests according to standards, e.g. the Hot Set Test.

Thus, you receive a complete package for your quality assurance and thereby optimize the production, increase the product quality and minimize incurred costs substantially.

### Material tests and geometric measurements according to the standards



## Splitting Cutter SC



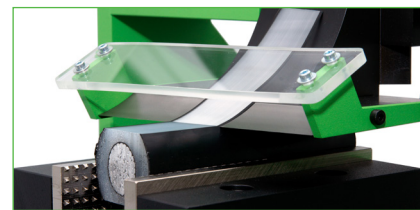
- Cable sample preparation **especially for soft materials** for heat elongation and tensile tests conforming to standards IEC 60811 -501, -507
- The samples are taken from the inner side of the sheath and isolator
- All grooves and/ or conductive layers are removed
- Developed to slice samples according to IEC 60811 with a thickness between 0.8 and 2.0 mm (0.04" – 0.08")



## Splitting Cutter SC-PE



- Cable sample preparation **especially for hard materials** for heat elongation and tensile tests conforming to standards IEC 60811 -501, -507
- Developed to slice samples according to IEC 60811 with a thickness between 0.8 and 2.0 mm (0.04" – 0.08")
- Handy, electric device for material tests in laboratories



## Cable Stripper CS100



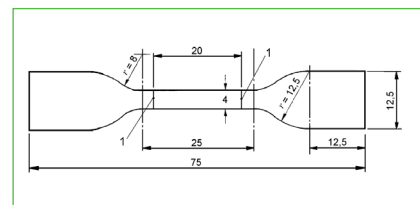
- For separating cable jackets / -insulations from the electrical conductor
- Suited for samples with a high strip force
- Also designed for larger sample outer diameters
- Suitable preparation before cutting cable samples for measuring (e.g. with the ORC-series)



## Toggle Press KHP



- For punching dumb-bell test specimen for further tests (e.g. Hot Set Test)
- Sample preparation according to IEC 60811 -501, -507
- Available with either 100 mm (3.93"), 75 mm (2.95") or 50 mm (2.97") dumb-bell tools with automatic sample ejection
- Applicable for all cable types



## Hot Set Test



- 2 in 1: device contains the Hot Set Test as well as the Heat Pressure Test
- Measurement according to the standards IEC 60811 -507 (Hot Set Test) and IEC 60811 -508 (Heat Pressure Test) regarding sample attachment and weight attachment
- Simultaneous measurement of up to 3 samples
- **Ideal addition:** Laser gauge and a suitable thermal heat oven with glass door for the two tests

