

LUMP

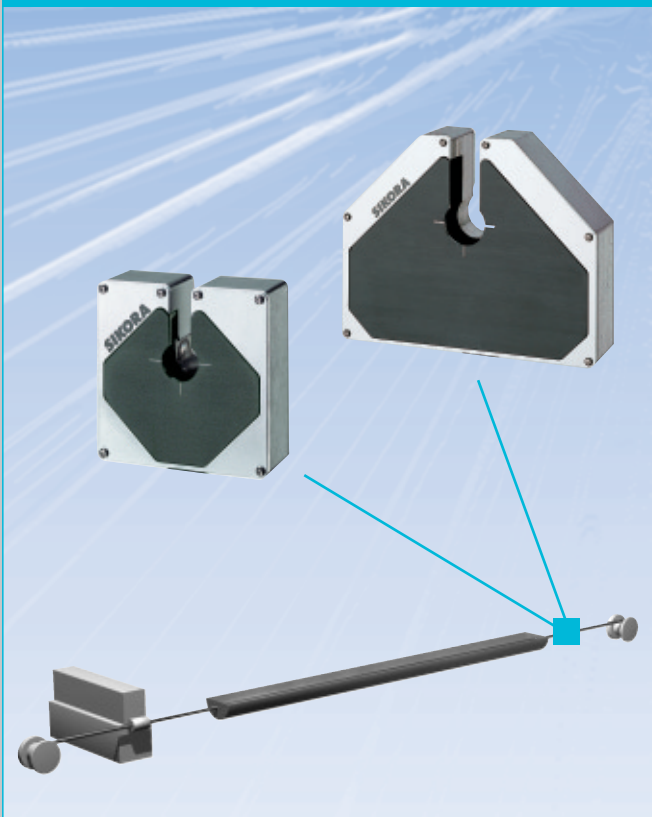
2000XY

Technology To Perfection

Measuring technique for cable production lines

- optical fibers
- LAN cables
- coaxial cables
- RF and telephone cables
- automotive/building wires
- power cables

LUMP 2010XY/LUMP 2025XY
XY-lump/neckdown detectors



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LUMP 2000XY

Technology To Perfection

A completely new generation of measuring and testing equipment, laid out especially for production lines for optical fibers, LAN, coaxial, RF and telephone cables, building wires, automotive cables as well as power cables

- lump/neckdown detection
- diameter measurement
- capacitance measurement
- eccentricity / diameter measurement
- spark testing



LUMP 2010XY



LUMP 2025XY

LUMP 2010XY/LUMP 2025XY · XY-lump/neckdown detectors

LUMP 2000XY represents measurement technology of the latest standard. This advanced design with an unique double sensor technology, utilizing SMD electronics satisfies the permanently increasing demands of the wire and cable industry for quality and productivity.

Highest precision, reliability and functionality are some of the remarkable benefits of these lump detectors, which are easily integrated into every type of production line.

The LUMP 2010XY and LUMP 2025XY are applicable for product diameters of
 – 0,5 to 10 mm
 – 0,5 to 25 mm
 and are perfectly suited for the measurement of wires, optical fibers, telephone wires, coaxial cables, automotive cables and building wires.

The lump/neckdown detectors offer various interfaces for adapting the gauge heads to a process control computer or to the processor based display and control systems REMOTE 2000 and ECOCONTROL 2000.

For the detection of punctual imperfections the LUMP 2010 T and LUMP 2025 T are available.

Typical features

- highest reliability because of the differential measuring system (double sensor technology)
- fault analysis for type, size, length and location
- FFT-analysis, trend, statistics
- RS 485/Profibus/Ethernet/analog interfaces
- RS 232 for PC-, modem-, internet-diagnosis
- infrared light source
- small, compact, easy to integrate into any production line
- MTBF typical 15 years

Technical data	LUMP 2010XY	LUMP 2025XY
product diameter	0.5 to 10 mm	0.5 to 25 mm
min. detectable		
lump/neckdown	0.01 mm	0.02 mm
min. fault length	0.5 mm	0.5 mm
speed range	10 to 3,000 m/min	
dimensions	140 x 140 x 54 mm	250 x 200 x 70 mm
power supply	100...230 V AC ± 10 %, 10 VA	

subject to change without notice

