

Speed / Length & Size Measuring

Special laser instruments provide accurate length, size, shape monitoring for cable, optical fiber, paper, steel and other metallurgy, timber and textile industry.

The speed and length monitoring instruments are replacing the traditional mechanical tachometric wheel based instruments, which are much less accurate and reproducible.

The instruments allow installations even in extreme conditions, like hot and dusty environment in foundries to monitor accurate size of white-hot materials.

Special sensors allow to monitor ovality, diameter defects of insulation layers, etc.

ECM is providing proven, non-contact measurement capabilities of:

- Length and speed
- Elongation
- Diameter
- Flaw detection
- Width and thickness of flat products

in a range of applications in different industries:

- Wire, cable and optical cable
- Steel, aluminium, and other nonferrous material
- Paper and corrugated products
- Web products
- Non-woven products
- Rubber tube and hose
- Building products
- Plastic films and tapes

