



MEASURING SYSTEMS
FOR CONTINUOUS CASTING MACHINES





EMTM67

MOULD TUBE LASER SCANNER

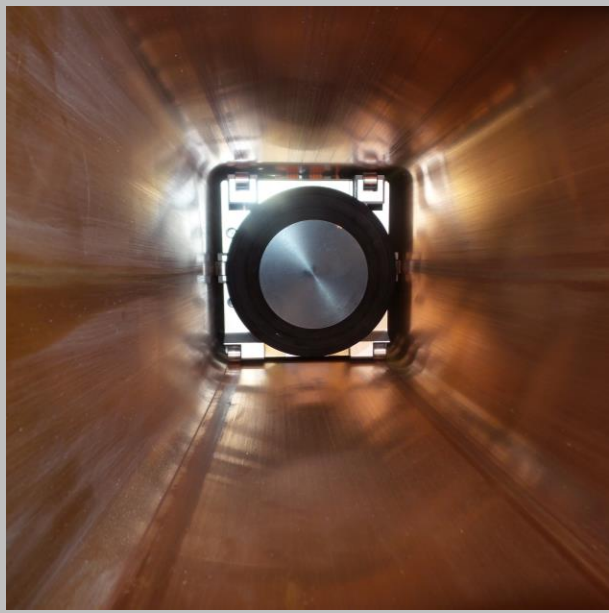
EMTM67 instrument is designed to satisfy operators needs to perform everywhere mould dimensional measurement in an easy, fast and accurate way.

The most important feature, beyond the accuracy and its advanced software, is the lightness and manageability. The whole system is contained in a transportable trolley (<30Kg).

The 360° laser scansion is possible at different settable steps. The data elaboration allows to get longitudinal profiles, transversal sections, 2D/3D surface representation and many other data.

FEATURES

- Light, versatile and easy to use in CCM and Workshop
- Complete laser scansion (360°) of mould internal surface
- Square, round and octagonal mould shapes
- High accuracy +/- 0.02mm
- Complete set of 2D/3D graphs and data tables
- OK/NOK measure summary according with set tolerance
- Measure report generation
- Measure database and measures comparison functions
- Auto calibration
- Wireless and battery powered
- Transportable compact bag



TECHNICAL DATA

Operator Interface	Rugged Tablet PC
Communication	Wi-Fi
Accuracy	+/- 0.02 mm
Resolution	+/- 0.005 mm
Repeatability	+/- 0.03 mm
Technology	Triangulation Laser
Range	130mm up to 220mm (different sizes on request)
Battery life	8 hours
Environmental IP	IP62
Weight	< 20Kg

EMTM67 can be used indifferently in workshop or on casting floor by one operator without crane or lifting means. It can operate in horizontal or vertical position (using optional winch).

After the preliminary setting operations, the instrument performs the measurements in automatic way without any operator assistance.

BENEFITS

- Prevent quality defects
- Break-out reduction
- Mould life optimization
- Planning CCM stop for mould replacing
- Reduction of the mould overhauling
- New mould check
- Reduce maintenance cost





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