



MEASURING SYSTEMS  
FOR CONTINUOUS CASTING MACHINES





## EMTM69

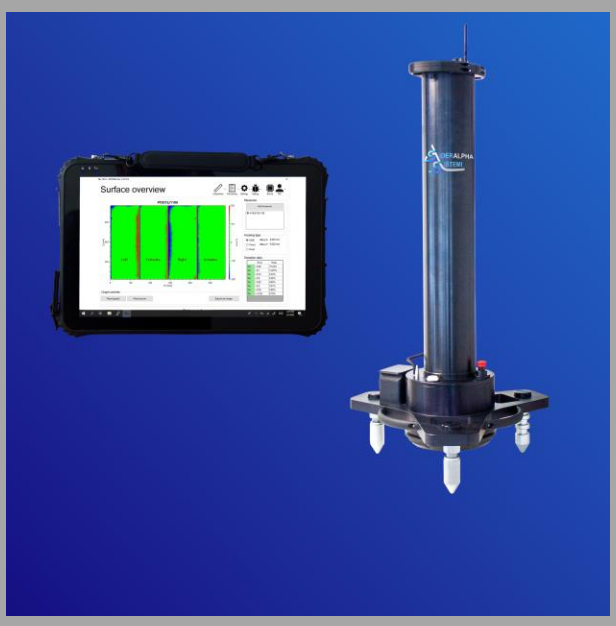
DETECTING INTERNAL GEOMETRY OF  
BILLET, BLOOM, OCTAGONAL AND  
ROUND MOULDS

EMTM69 is a instrument designed to satisfy the operators needs to perform the mould measurment in way easily, fast, accurate and everywhere. The most important feature, beyond the accuracy and a rich software, is the lightness and his manageability. The whole system is contained in a transportable trolley (<30kg). By the laser sensor a 360° scanning is possible at different settable steps.



### FEATURES

- Removal of the defects due to the Mould
- Break-out reduction
- Mould life optimization
- Planning of the CCM stop for mould replacing
- Reduction of the mould overhauling
- New mould check
- Product quality



By the Laser sensor a 360° scanning is possible at different settable steps. The data elaboration allows to get Longitudinal Graphics, Slides and 3D representation. It can be used indifferently in Workshop or on Casting floor by one operator without crane of lifting means. It can operate in Horizontal or Vertical position. After the preliminary setting operation the instrument performs the measurements in automatic way without the operator assistance.

### TECHNICAL DATA

Taperform supported	Round (Diameter from 130 to 220 mm) Square (Diagonal from 140 to 200 mm) Octagonal (Diagonal from 140 to 200 mm)
Technology	Triangulation laser sensor
Resolution	+/- 0.005 mm
Accuracy	+/- 0.02
Repeatability	+/- 0.03
Longitudinal measurement step	From 5 to mm
Data trasmission	WiFi
Battery life	8 hours

### BENEFITS

- Versatile and easy to use
- Mould measuring by 360° laser. Slice and longitudinal measure lines
- Able for straight, curve, multi taper parabolic moulds
- High accuracy +/-0.02
- Measuring until 10 mould and sending the data to the PC by bluetooth
- Auto calibration
- Print data and graphic



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