



MEASURING SYSTEMS
FOR CONTINUOUS CASTING MACHINES





EMTM66-2L

MOULD TAPER MEASURER

EMTM66-2L tool is designed for mould taper measuring on X, Y and diagonals axes using laser technology.

It's suitable for square, rectangular and round moulds providing measure for taper profile, ovalization (round moulds) and squareness (square moulds).

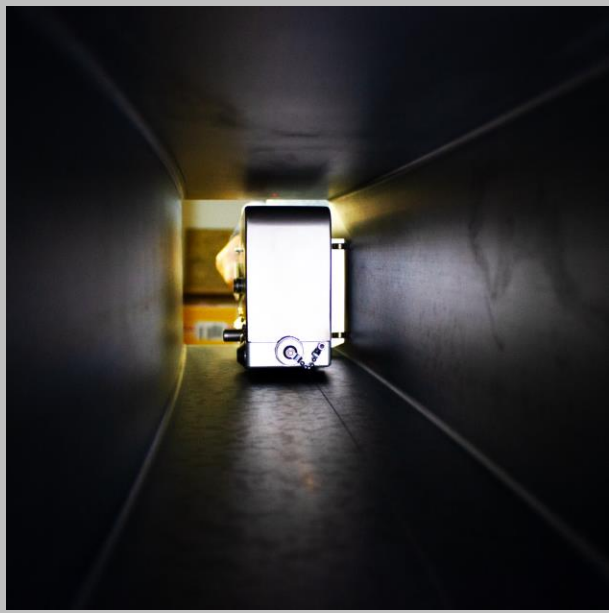
Contactless laser measuring provides several advantages like:

- avoid fingerprints on internal surface
- enhanced measuring range without mechanical adapters
- greater reliability and no maintenance due to absence of moving parts

Use easiness in CCM casting floor and in maintenance workshop.

FEATURES

- Light, versatile and easy to use
- Wide measurement range by the same measurement head
- Square, Round and Rectangular mould shapes
- High accuracy ± 0.01 mm
- Mould profile, ovalization and squareness checks
- Real-time measure reading on rugged tablet PC
- 2D/3D graphs and data archive
- Wireless communication
- Auto calibration
- Battery powered
- Transportable compact bag



TECHNICAL DATA

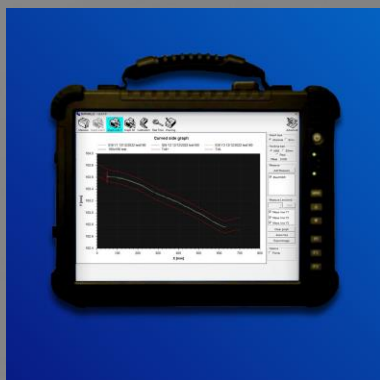
Operator Interface	Rugged Tablet PC
Communication	Bluetooth
Accuracy	+/- 0.01 mm
Resolution	+/- 0.005 mm
Repeatability	+/- 0.02 mm
Technology	Triangular Laser (2x)
Range	140mm up to 340mm (square or round)
Battery life	8 hours
Environmental IP	IP62
Weight	< 4Kg

Measurement data are available through Tablet PC software, SW features includes:

- Instrument diagnostic (battery, electronic and sensors status)
- Auto calibration procedure
- Mould drawing definitions including tolerances
- Acquisition and post-processing of measure data (2D/3D graphs)
- Measure database with comparison functions

BENEFITS

- Prevent quality defects
- Prevent breakouts
- Optimize mould life
- Reduce mould costs
- Reduce maintenance cost
- Optimize plant productivity





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