



MEASURING SYSTEMS
FOR CONTINUOUS CASTING MACHINES





EMTM46

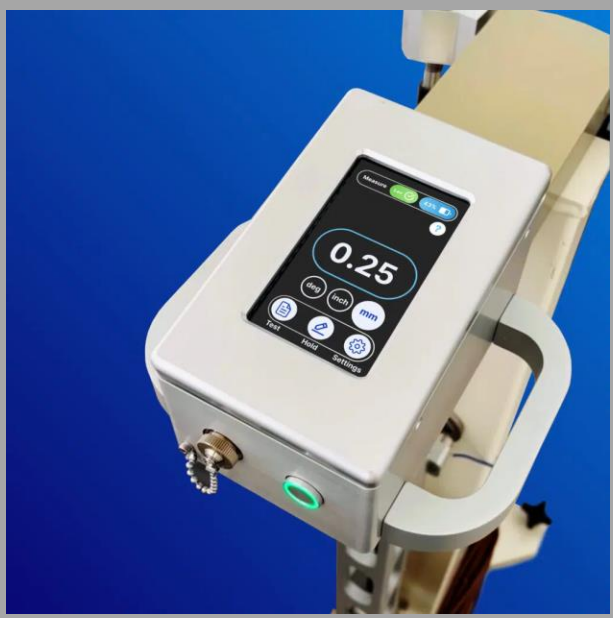
SLAB MOULD TAPER CHECKER

Steel production on CCM needs accurate, frequent and easy check up of mould status. EMTM46 equipment answers to such needs. It's an accurate, lightweight and easy to use hand held tool for shape and inclination detection of mould plates in slab or blooms CCM. It's designed to be used directly in the casting floor or in the workshop, without any cable connection.



FEATURES

- Light, versatile and easy to use
- Fast inclination detection of the mould's plates
- Slab, Thin Slab and Blooms CCM
- High accuracy +/- 0.01 degrees
- Real-time measure reading on LCD display
- Auto calibration
- Battery powered



TECHNICAL DATA

Operator Interface	Touch LCD Display
Accuracy	+/- 0.01 degrees (+/- 0.1 mm/mt)
Technology	MEMS sensor
Angle Range	+/- 5 degrees
Mould length	As required
Battery life	6 hours
Environmental IP	IP62
Weight	~ 7Kg

A systematic control of the geometry of the molds, allows to reach up to 95% of the optimal life, avoids harmful use when unexpected deformations or wear occur.

The advantages deriving from this method are reflected in the reduction in the purchase costs of the molds, on their maintenance and the stops for replacement.

BENEFITS

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



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