



## **TAPER CHECKER**

### MEASUREMENT OF NARROW FACE TAPER

#### **BENEFITS**

The battery-driven and robustly designed taper measuring system allows checking and adjusting the mold within the required tolerances before casting starts. The taper of the lateral mold surfaces is measured precisely with long-term stable inclinometers. The measurement is quick and simple. Correct tapers of mold narrow faces minimize the number of breakouts and improve the surface quality of cast slabs.

#### **FIELD OF APPLICATION**

The Taper Checker can be applied in any conventional slab caster. Without substantial costs, the measuring system can also be adapted to special customer needs and mold configurations as a result of the modular block design.

#### **FUNCTION**

The high resolution, fast and easy measurement procedure of the mold taper is carried out by the Taper Checker. Data is displayed on LED display. The measuring unit is very stable, so under normal circumstances accuracy and usage is not influenced during the measuring process.





## TECHNICAL DATA

Minimum mold dimensions width > 85 mm  
casing thickness > 75 mm  
mold length > 800 mm

### Taper checker

Measuring range	±52 mm/m (±3°)
Accuracy	±0.1 mm/m within ±1° at 0 ... 40°C
Resolution	0.01 mm/m
Operating temperature range	0 ... 50°C
Humidity	0 ... 95% relative, non-condensing atmosphere
Operating time	app. 5 hours with charged batteries
Weight	app. 7 kg
Dimension (HxWxD)	app. 900 x 140 x 250 mm

### Calibration (in a clean lockable room)

Weight	app. 30 kg
Dimensions (HxWxD)	app. 1000 x 150 x 250 mm

### Primetals Technologies Austria GmbH

A joint venture of Siemens, Mitsubishi Heavy Industries and Partners

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## MAIN BENEFITS

- High precision and large range of measurement
- Working even under rough operation conditions
- Simple calibration and no maintenance
- Easy to use

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