

# DiaMet

PRECISION MEASUREMENT DEVICE FOR GRAVURE CYLINDERS – CIRCUMFERENCE AND DIAMETER



Subject to design modifications. Errors excepted.

Further information:

Kaspar Walter GmbH & Co. KG

Konrad-Zuse-Bogen 18, 82152 Krailling / Germany

Tel. +49 (0)89 785 96 0

[sales@kwalter.de](mailto:sales@kwalter.de), [www.kwalter.de](http://www.kwalter.de)

## Overview of features:

- Precise measurement through tangential scanning with measuring bar
- Optimal contact with cylinder
- Touchscreen features simple menu system with self-explanatory icons
- Integrated measurement function for cylinder temperature
- Temperature compensation possible
- Replaceable battery pack in industry standard for mains-independent operation
- Display down to 0.001 mm/inch
- Average value calculation of last five measurements
- Memory function
- Unit of measurement: inches or mm
- Optional Bluetooth interface for transmitting measurements to a PC with printer or master
- Battery charge display

## Technical data:

- Measuring range:
  - Size I: Ø 100–320 mm
  - Size II: Ø 220–500 mm
- Min. measurement width: 130 mm
- Position deviation from length measuring device at +20 °C:  $\pm 0.5 \mu\text{m}$
- Measuring error:  $\leq 9 \mu\text{m}$
- Repeatability:  $\leq 4 \mu\text{m}$
- Touchscreen display: 6 digits
- Measurement cycles per battery charge: approx. 1200 measurements
- K.Walter factory calibration at +20 °C: standard
- Customer-specific calibration possible
- Measurement data transfer: optional via Bluetooth
- Weight: 7 kg
- Measuring force: 200 g
- Dimensions in mm (L x W x H): 386 x 203 x 405

MADE TO MEASURE

BASED ON INNOVATION.