

# Product information

## Digital test indicator MarTest 800 EWR

### Product features

- Inductive measuring system
- Battery life approx. 2 years
- Operating unit is protected against coolants and lubricants, protection class IP65
- Combined analog and digital display
- Operating and display unit (bezel) can be rotated through 280°
- Satin chrome finished housing with 3 dovetail guideways
- Shockproof
- Movement bearings are jeweled
- Automatic matching to sensing direction
- Anti-magnetic
- Double lever supported in ball bearings
- Overload protection provided by slip clutch

### Functions

ON/OFF, RESET (set display to zero), mm/inch, MAX/MIN memory for searching the reversal point, (MAX-MIN) for testing flatness and concentricity

### Package contains

spanner for changing the styli, stylus dia.  $\varnothing$  2 mm, mounting shaft 800a8, test certificate, instruction manual, battery, case

### Application

- Measurement of concentricity, alignment, parallelism and flatness
- Centering of bores and shafts
- Parallel or perpendicular alignment of work pieces

### Data interface

Opto RS-232C, USB



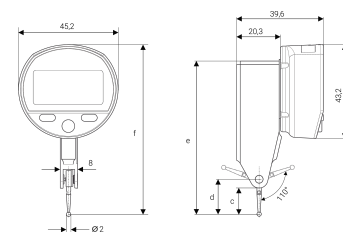
Item no.: **4306140**

### Technical data

<b>Measuring range mm</b>	$\pm 2.2$
<b>Measuring range inches</b>	$\pm .0433''$
<b>Display ranges</b>	-2.2 - 0 - +2.2 (mm)
<b>Resolution mm/inches</b>	0.001 / .00005"
<b>Span of error fe (<math>\mu\text{m}</math>)</b>	10 $\mu\text{m}$
<b>Total span of error fges (<math>\mu\text{m}</math>)</b>	12 $\mu\text{m}$
<b>Partial measuring range ft (<math>\mu\text{m}</math>)</b>	3 $\mu\text{m}$
<b>Measuring value hysteresis fu (<math>\mu\text{m}</math>)</b>	5 $\mu\text{m}$
<b>Repeatability fw (<math>\mu\text{m}</math>)</b>	2 $\mu\text{m}$
<b>Measuring force</b>	0.06 N
<b>Battery type</b>	CR 2032 (3V Lithium)

### Dimensions

<b>Dimensions e in mm</b>	98.8 mm
<b>Dimensions f in mm</b>	106.5 mm
<b>Dimensions c in mm</b>	41 mm
<b>Dimensions d in mm</b>	44.5 mm



### Accessories

Order no.	Designation	Product type
4305122	Data connection cable RS232C	800 EWR
4305121	Data connection cable USB	800 EWu