

# MarCal 16 EWRI-AI / 16 EWR-AI

## Digital special calipers

### FUNCTIONS

#### 16 EWRI-AI:

- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission)
- HOLD (storage of measured values)



16 EWRI-AI

#### 16 EWR-AI:

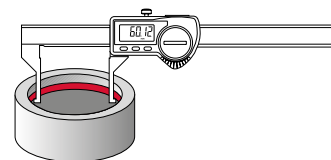
- ON/OFF
- AUTO-ON / OFF
- mm/inch
- LOCK function (key lock)
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- DATA (data transmission via connection cable)
- High contrast digital display
- Locking screw above
- Lapped guideway
- Slide and beam made of hardened stainless steel
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide



16 EWR-AI

#### Application:

- Outward-angled measuring surfaces for measuring recesses in bores



### FEATURES 16 EWRI-AI:

- **Software:** MarCom Professional free download: [www.mahr.com/marcom](http://www.mahr.com/marcom) (only for Mahr data cables and wireless systems with USB and RS-232 interface)
- **Digital height:** 11 mm
- **Data interface:** Integrated Wireless
- **Energy supply:** Battery life approx. 3 years (approx. 0.5 in wireless mode)
- **Battery type:** CR 2032 (3V Lithium)
- **IP protection category:** IP 67
- **Package contains:** battery, instruction manual, case

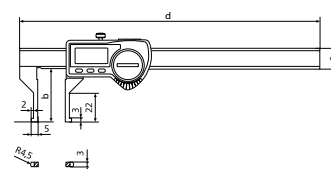
### FEATURES 16 EWR-AI:

- **Digital height:** 8.5 mm
- **Data interface:** USB, Opto RS-232C, Digimatic
- **Energy supply:** Battery life approx. 3 years

### TECHNICAL DATA

| Order no. | Type       | Measuring range | Measuring range | Resolution    | Error limit | Standard         | Depth rod |
|-----------|------------|-----------------|-----------------|---------------|-------------|------------------|-----------|
|           |            | mm              | inch            | mm/inch       | mm          |                  |           |
| 4103380   | 16 EWRI-AI | 10 – 160        | 0.4 – 6.3"      | 0.01 / .0005" | 0.03        | Factory standard | none      |
| 4103080   | 16 EWR-AI  | 10 – 160        | 0.4 – 6.3"      | 0.01 / .0005" | 0.03        | Factory standard | none      |

| Order no. | b  | d   | e  |
|-----------|----|-----|----|
|           | mm | mm  | mm |
| 4103380   | 40 | 235 | 16 |
| 4103080   | 40 | 235 | 16 |



### ACCESSORIES

| Order no. | For measuring instrument | Description                                       | Type    |
|-----------|--------------------------|---------------------------------------------------|---------|
| 4102220   | 16 EWRI-AI               | Receiver for instruments with Integrated Wireless | i-Stick |
| 4102357   | 16 EWR-AI                | 16 EXu data connection cable USB (2 m)            | 16 EXu  |
| 4102410   | 16 EWR-AI                | Data connection cable RS232C (2 m)                | 16 EXr  |
| 4102915   | 16 EWR-AI                | Interface adapter with data cable Digimatic (2 m) | 16 EWd  |



i-Stick