# Digimar 814 SR

## Height measuring and scribing instrument

REF system | ABS system | Digimatic | RS232C

## FUNCTIONS

- RESET (set display to zero)
- mm/inch
- ABS (switch between relative and absolute measurement)
- Lock/Unlock
- PRESET (for entering a numerical value)
- DATA (data transmission via connection cable)
- AUTO-ON / OFF

## FEATURES

- Battery life up to 3 years
- Travel speed 1.5 m/s (60”/s)
- MarConnect data output: optional
  – USB
  – OPTO RS232C
  – Digimatic
- High contrast 12 mm LCD display
- Sturdy, heavy-duty machine base
- Hardened and lapped contact surface which produces both a smooth and even movement
- Slide and rail are made of hardened stainless steel
- Handwheel for positioning and measuring
- Fine adjuster
- Locking screw
- Interchangeable measuring and scriber tips, carbide-tipped
- **Software:** MarCom Professional free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS–232 interface)
- **Data interface:** Opto RS–232C, Digimatic, USB, wireless
- **Energy supply:** Battery life approximately 3 years
- **Battery type:** CR 2032 (3V Lithium)
- **Package contains:** scriber, battery, carton, instruction manual



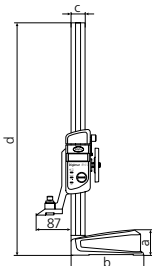
Applications:

- Scribing and marking workpieces
- Measuring heights and distances

## TECHNICAL DATA

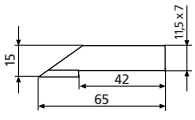
| Order no. | | 4426100 | 4426101 |
|---|---|---|---|
| Type | | 814 SR | |
| Measuring range | mm | 0 –350 | 0 –600 |
| Measuring range | inch | 0 –14” | 0 –24” |
| Resolution | mm | 0.01 | |
| Resolution | inch | .0005” | |
| Error limit | µm | 40 | 50 |
| Operating time max. | h | 4000 | |
| Operating temperature | °C | 10 –40 | |
| Product weight | kg | 7.00 | 8.00 |
| Data interface | | Opto RS–232C, Digimatic, USB, wireless | |
| Standard | | Factory standard | |

| Order no. | a | b | c | d |
|---|---|---|---|---|
| | mm | mm | mm | mm |
| 4426100 | 62 | 180 | 35 | 580 |
| 4426101 | 62 | 180 | 35 | 835 |

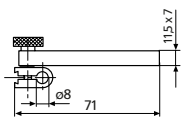



## ACCESSORIES

| Order no. | Description | Type |
|---|---|---|
| | | |
| 4123867 | Measuring/scriber point, carbide tipped | 814 SRs |
| 4123041 | Holder for test indicators | 27 Sp |
| 4102357 | Data connection cable USB (2 m) | 16 EXu |
| 4102915 | Interface adapter with data cable Digimatic (2 m) | 16 EWd |
| 4102410 | Data connection cable RS232C (2 m) | 16 EXr |
| 4102230 | e-Stick receiver | e-Stick |
| 4102231 | Transmitter for e-Stick | 16 EWe |




814 SRs;27 ESh




27 Sp



e-Stick



16 EWe