

# Digimar 814 N

## Height measuring and scribing instrument



### FUNCTIONS

- ON/OFF
- RESET (set display to zero)
- mm/inch
- PRESET (for entering a numerical value)
- MAX/MIN memory for searching the reversal point
- (MAX-MIN) for testing flatness and concentricity
- TOL (enter tolerance limit values)
- Selectable resolution
- DATA (data transmission)

### FEATURES

- Large, easy-to-read digital display
- Measuring and display unit are incorporated in the measuring head
- Data transmission via Opto RS232 C interface
- Digital preset
- Zero setting in any position
- MAX, MIN and MAX-MIN functions
- Enter tolerance limit for 1 characteristic
- Switch between mm/inch
- High accuracy
- Incremental inductive measuring system
- Measuring head with a ball bush guide
- Resistance free measuring system
- Easy to operate due to the hand crank on the side of the measuring head
- Constant measuring force; acting upwards or downwards as required
- Measuring head can be locked in position, ideal for scribing tasks
- With fine adjustment
- Power source independent due to being battery operated
- Universal application due to broad range of accessories
- **Data interface:** Opto RS-232C, wireless
- **Battery type:** CR 2032 (3V Lithium)
- **Package contains:** height measuring instrument incl. operating and display unit, caliper arm 814t, spherical probe 814 m, 8 mm, battery, instruction manual, protection cover, test certificate

### Applications:

- For measuring heights and distances between bores, surfaces and edges
- For selecting and marking out workpieces



### TECHNICAL DATA

Order no.	4426540	4426542
Type	814 N	
Measuring range	mm 0 – 320	0 – 620
Measuring range	inch 0 – 12.6"	0 – 24.4"
Resolution	mm 0.001, 0.01	
Resolution	inch .00005", .0005"	
Error limit	µm 20	30
Perpendicularity error	µm 20	30
Operating time max.	h 2000	
Measuring force	N 3	
Working temperature	°C 20	
Operating temperature	°C 5 – 40	
Product weight	kg 6.20	10.50
Data interface	Opto RS-232C, wireless	
Standard	Factory standard	