

# Product information

## Height measuring and scribing instrument Digimar 814 N620

### Product features

- 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



Item no.: **4426542**

### 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)

### 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

### Application

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

### Measuring system 01

- High accuracy
- Incremental inductive measuring system
- Measuring head with a ball bush guide
- Resistance free measuring system

### Introduction

With extra rugged, cast iron base with three-point support. To be used on base plates, machine beds or work piece surfaces. Conversion to a 814 G version is quick and easy at any time.

### Technical data

<b>Measuring range up to</b>	620
<b>Measuring range up to</b>	24.4
<b>Resolution</b>	0.001 mm, 0.01 mm
<b>Resolution</b>	0.00005 inch, 0.0005 inch
<b>Error limit µm</b>	30
<b>Error limit inches</b>	0.0012
<b>Perpendicularity error in µm</b>	30
<b>Operation time Max</b>	2000
<b>Measuring force</b>	3
<b>Working temperature</b>	20
<b>Operating temperature Min</b>	5
<b>Operating temperature Max</b>	40
<b>Measuring system 02</b>	inductive
<b>Product weight</b>	10.50
<b>Standard</b>	Factory standard
<b>Data interface</b>	Opto RS-232C, wireless

### Accessories

Order no.	Designation	Product type
4102510	Data connection cable RS232C	16 ESv
4102235	Transmitter	1082 e
4102230	Receiver	e-Stick
4102330	Adapter cable RS232-USB	Opto USB