

Product information

Height measuring and scribing instrument Digimar 814 N320

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.: 4426540

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

Measuring range up to	320
Measuring range up to	12.6
Resolution	0.001 mm, 0.01 mm
Resolution	0.00005 inch, 0.0005 inch
Error limit µm	20
Error limit inches	0.0008
Perpendicularity error in µm	20
Operation time Max	2000
Measuring force	3
Working temperature	20
Operating temperature Min	5
Operating temperature Max	40
Measuring system 02	inductive
Product weight	6.20
Standard	Factory standard
Data interface	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