

# Product information

## Mobile pneumatic length measuring instrument Millimar

### <sup>®</sup> µDimensionair II

#### Product features

- Value for money
- Versatile
- Innovative
- Robust
- No other pneumatic measuring system is as versatile as the µDimensionair, which can be used as a hand-held device, a stationary table-top device or even directly on the machine tool. With its IP54 protection rating it is suitable for use in harsh workshop environments. The compressed air flowing out of the measuring equipment removes any contaminations from the testpiece to ensure reliable measuring results.
- Directly and clearly readable measuring results.
- With its fixed ratio and controlled compressed air supply, this sturdy, reliable measuring instrument is ideal for use in manufacturing environments.
- The µDimensionair II offers:
  - Choice of setup with one standard or with Min/Max standards
  - All other functions of the µMax? m II digital dial comparator:
  - Dynamic measurement: Min, Max, measuring span
  - Multiplication factor and hold function ("freeze")
  - Choice of data transfer with serial number
  - MarConnect data output: USB, Opto RS-232C, and Digimatic

#### Package contains

instruction manual, supply hose AHO-2

#### Application

Applications with pneumatic measuring equipment requiring mobile measurement and evaluation.



Item no.: **2103200**

#### Technical data

<b>Display</b>	Analog display with one line digital display
<b>Digital display</b>	Rotates through 270°
<b>Graduation mm</b>	0,5, 1, 2
<b>Graduation value inches</b>	.00002", .00005", .0001"
<b>Tolerance display</b>	Two - over / under (3 class)
<b>Compatibility</b>	Federal
<b>Features</b>	1
<b>Programs</b>	1
<b>Test steps</b>	1
<b>Dynamic functions</b>	MAX, MIN, MAX-MIN
<b>Statistical functions</b>	Deviation, mean value
<b>Error limit</b>	± 1% of the total range
<b>Data interface</b>	Digimatic, Opto RS-232C, USB, wireless
<b>Hardware interfaces</b>	Extramess-Interface
<b>Energy supply</b>	Battery operation, approx. 3000 h
<b>IP protection category</b>	IP 54
<b>Operating temperature Min</b>	5
<b>Operating temperature Max</b>	35
<b>Product weight</b>	0.20

#### Dimensions

<b>Length (inch)</b>	4
<b>Height (mm)</b>	3 inch
<b>Length (mm)</b>	100
<b>Depth (mm)</b>	60
<b>Depth (inch)</b>	2.5
<b>Width (mm)</b>	70

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### <sup>®</sup> µDimensionair II Accessories

Order no.	Designation	Product type
2237666	Standard plastic handle	
2202076	Supply hose	AHO-2
4346023	Data connection cable USB	2000 USB
4346021	Interface adapter with data cable Digimatic	2000 d
4346020	Data connection cable RS232C	2000 r