

Mobile pneumatic length measuring instrument Millimar μ Dimensionair® II



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Application:

Air Gaging Applications where a portable measurement and readout are needed



Technical Data

Order no.		2103200
Product type		μ Dimensionair® II
Magnification		5000:1, 2500:1, 1260:1
Inputs for pneumatic measuring equipment		1
Digital display		rotates through 270°
Storage temperature MAX	°C	60
Graduation value	μ m	0,5, 1, 2
Graduation value	inch	.00002", .00005", .0001"
Display		Analog display with one-line digital display
Tolerance display		Two - over / under (3 class)
Compatibility		Federal
Features		1
Programs		1
Test steps		1
Dynamic functions		MAX, MIN, MAX-MIN
Statistical functions		Difference, Nominal Average
Response time (Air)		approx. 1 s
Error limit		\pm 1% of the total range
Air pressure		2.10 \pm .01 bar
Repeatability [μ m]		\pm 1 numerical increment
Data interface		Digimatic, Opto RS232C, USB, Wireless
Energy supply		Battery operation, approx. 3000 h
IP protection category		IP 54

- Affordable
- Versatile
- Innovative
- Robust
- No other pneumatic measuring system is as versatile as the μ Dimensionair®, which can be used as a hand-held device, as 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 contamination from the testpiece to ensure reliable measuring results.
- Direct and clear measuring results.
- Ideal for use in manufacturing environments
- The μ Dimensionair® II offers:
- Choice of setup with one standard or with Min/Max standards
- All other functions of the μ Max μ 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
- **Scope of delivery:** Instruction manual, Supply hose AHO-2

Order no.	Depth	Height	Length	Length (inch)	Width
	mm	mm	mm	inch	mm
2103200	60	3	100	4	70

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Accessories

Order no.	Product name	Product type
2238020	Pressure regulator with filter	
2095924	Pressure meter	
2239307	Universal bench mount	
2237666	Standard plastic handle	
2240993	Shut off slide valve	
2241109	Table stand for μ Dimensionair®	
2240594	Swivel coupling adapter for rotating tooling	
2201994	Oil and Water Separator Trap	AFL-24
2237713	Connecting hose, 6 m	
2202076	Supply hose, 1.5 m	AHO-2
4102520	Battery 3 V, CR 2032	
4346023	2000 usb Data connection cable USB (2 m)	2000 usb
4346021	Digimatic data cable (2 m)	2000 d
4346020	Data Connection Cable RS232C (2 m)	2000 r



AFL-24



2240594



2241109



2240993



2239307