

# Product information

## Compact amplifier Millimar C 1200 M

### Product features

- High-resolution, high-contrast color display
- Fully adjustable display for ideal viewing angle
- Extremely easy to operate
- Suitable for power source or battery operation
- Suitable for mobile use with battery operation
- Compact housing
- Suitable for wall mounting

### Functions

ON/OFF, mm/inch, Reversal of counting direction, Selectable measuring range, MAX/MIN memory for searching the reversal point, (MAX-MIN) for testing flatness and concentricity, TOL (enter tolerance limit values), PRESET (for entering a numerical value), Selectable resolution, Factor (adjustable), DATA (data transmission), Menu interlock

### Package contains

power source, instruction manual

### Application

Millimar C 1200, now in 2 versions

- **M** for inductive probes with the compatibility M
- **T** for inductive probes with the compatibility T



Item no.: 5312012

### Technical data

<b>Battery type</b>	5 x LR6 (1,5V Mignon AA) possible
<b>Display</b>	TFT color display, 110 mm (4.3"), 480 x 272 pixels
<b>Range of digital display <math>\mu\text{m}</math></b>	$\pm 5000$
<b>Range of digital display inch</b>	$\pm .19"$
<b>Range of analog display <math>\mu\text{m}</math></b>	$\pm 5000, \pm 2000, \pm 1000, \pm 300, \pm 100, \pm 30, \pm 10, \pm 3$
<b>Range of analog display inches</b>	$\pm .19", \pm .07", \pm .03", \pm .01", \pm .003", \pm .001", \pm .0003", \pm .0001"$
<b>Resolution <math>\mu\text{m}</math></b>	0,1
<b>Graduation mm</b>	500, 200, 100, 20, 10, 2, 1, 0,2
<b>Graduation value inches</b>	.019", .007", .002", .001", .0002", .0001", .00002", .00001"
<b>Probe inputs</b>	1
<b>Compatibility</b>	Mahr
<b>Measuring combination</b>	+A, -A
<b>Features</b>	1
<b>Test steps</b>	1
<b>Dynamic functions</b>	Max, Min, Max-Min
<b>Configuration</b>	Keyboard
<b>Refresh rate</b>	40
<b>Data transmission rate</b>	30
<b>Error limit, digital display</b>	0.3% (min. 0.2 $\mu\text{m}$ )
<b>Error limit, analog display</b>	0.25% of the end scale value / 0.3% of the displayed value
<b>Data interface</b>	Opto RS-232C, USB, Digimatic, wireless
<b>Hardware interfaces</b>	Opto RS-232C, USB, Digimatic, wireless
<b>Energy supply</b>	Power source, 230 V/115 V; 50/60 Hz, battery operation
<b>IP protection category</b>	IP 42
<b>Working temperature MIN</b>	10
<b>Working temperature MAX</b>	40
<b>Operating temperature Min</b>	0
<b>Operating temperature Max</b>	40
<b>Product weight</b>	0.50

### Dimensions

<b>Height (mm)</b>	170
<b>Depth (mm)</b>	150
<b>Width (mm)</b>	130

# Product information

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### Accessories

Order no.	Designation	Product type
4346023	Data connection cable USB	2000 USB
4346021	Interface adapter with data cable Digimatic	2000 d
4346020	Data connection cable RS232C	2000 r
4102232	Transmitter	2000 e
4102230	Receiver	e-Stick