

# Millimar C 1202

Compact amplifier



## FUNCTIONS

- mm/inch
- TOL (Tolerance and Warning Limits Input)
- PRESET (for entering a numerical value)
- Mastering 1 and 2 point
- MAX/MIN memory for searching the reversal point
- (MAX-MIN) for testing flatness and concentricity
- HOLD (storage of measured values)
- Selectable resolution
- Factor (adjustable)
- Reversal of counting direction
- Control input programmable
- Measuring sequence with time control
- DATA (data transmission)
- Menu interlock

## FEATURES

- Versatility for a wide range of measuring tasks.
- N 1700 modules as measuring channels for inductive and incremental probes or for pneumatic measuring equipment.
- High-resolution, high-contrast color display
- Fully adjustable display for ideal viewing angle
- Measurement values can be displayed in three ways: as a number, pointer or bar
- 1–3 features can be displayed at once
- Extremely easy to operate
- Several measuring tasks can be stored on the memory card.
- Compact housing
- Suitable for wall-mounting
- **Package contains:** power source, micro SD memory card, instruction manual, without N 1700 module (necessary optional accessory)
- **Software:** MarCom Professional free download: [www.mahr.com/marcom](http://www.mahr.com/marcom) (only for Mahr data cables and wireless systems with USB and RS-232 interface)



## Application:

Indicating instrument for precise length measurements

- for connecting different sensors by way of N1700 measuring modules
  - for connecting up to 2 measuring sensors
- Please note:** N1700 measuring modules are necessary additional accessories

## TECHNICAL DATA

| Order no.                    |     | 5312025                                                             |
|------------------------------|-----|---------------------------------------------------------------------|
| Type                         |     | C 1202                                                              |
| Display                      |     | TFT-Farbdisplay 110 mm (4,3"), 480 x 272 Pixel                      |
| Range of digital display     | µm  | ± 999 999,9                                                         |
| Range of analog display      | µm  | ± 5000, ± 2000, ± 1000, ± 300, ± 100, ± 30, ± 10, ± 3               |
| Resolution                   | µm  | 0,01, 0,1, 1                                                        |
| Scale graduation value       | µm  | 500, 200, 100, 20, 10, 2, 1, 0,2                                    |
| Measuring combination        |     | +A, -A, +B, -B, A+B, +A-B, -A+B, -A-B                               |
| Features                     |     | 3                                                                   |
| Dynamic functions            |     | Max, Min, TIR (Max-Min), (Max+Min)/2, Average                       |
| Statistical functions        |     | Length, Angle                                                       |
| Configuration                |     | Keyboard                                                            |
| Data transmission rate       | Hz  | 30                                                                  |
| Refresh rate                 | fps | 40                                                                  |
| Error limit, digital display |     | 0.3% (min. 0.2 µm);<br>* 0,3 % (min. 0,04 µm)<br>* with N 1702 M-HR |
| Error limit, analog display  |     | 0.25% of the end scale value / 0.3% of the displayed value          |
| Data interface:              |     | USB, Digimatic                                                      |
| Control inputs               |     | Control input programmable<br>(functions and function sequences)    |
| Energy supply:               |     | Power source, 230 V/115 V; 50/60 Hz                                 |
| IP protection category:      |     | IP 42                                                               |

| Order no. | Depth | Height | Width |
|-----------|-------|--------|-------|
|           | mm    | mm     | mm    |
| 5312025   | 130   | 175    | 145   |



**WILLRICH PRECISION  
INSTRUMENT**  
*THINK MEASUREMENT... THINK WILLRICH*

Ph 866-945-5742 email:sales@willrich.com

### ACCESSORIES

| Order no. | Description                                       | Type                |
|-----------|---------------------------------------------------|---------------------|
| 5331120   | Module for inductive probes                       | N 1702 M            |
| 5331125   | Module for inductive probes                       | N 1702 M-HR         |
| 5331121   | Module for inductive probes                       | N 1702 T            |
| 5331122   | Module for inductive probes                       | N 1702 U            |
| 5331155   | Module for pneumatic gages                        | N 1701 PF-2500/5000 |
| 5331157   | Module for pneumatic gages                        | N 1701 PF-10000     |
| 4102603   | Data cable USB bi-directional (2 m)               | DK-U1               |
| 4102606   | Interface Adapter with Data Cable Digimatic (2 m) | DK-D1               |
| 4102058   | Foot switch to trigger data transmission          | 16 ESf              |

