

DATA SHEET

CT 50

Tachymeter



Easy to use



Built-in probe



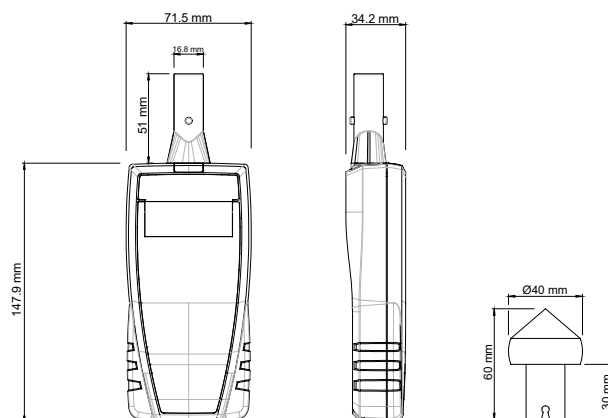
Hold function



Auto shut-off: 20 minutes

Features of housing

| | |
|------------------|--|
| Material | ABS |
| Protection | IP54 |
| Display | 2 lines, LCD technology, 50 x 36 mm. 1 line of 5 digits with 7 segments (value) 1 line of 5 digits with 16 segments (unit) |
| Height of digits | Values: 9.2 mm. Units: 4.7 mm |
| Weight | 200 g (with batteries) |



Technical specifications

| Parameter | Optical velocity | Contact velocity |
|-------------------------------|--|---|
| Measuring units | tr/min, rpm | rpm, m/min, ft/min, in/min, m/s |
| Measuring range | From 60 to 60,000 rpm | From 30 to 3000 rpm |
| Accuracy ⁽¹⁾ | From 60 to 10,000 rpm: $\pm 0.3\%$ of reading ± 1 rpm From 10,001 to 60,000: ± 30 rpm | From 30 to 3000 rpm: $\pm 1\%$ of reading ± 1 rpm |
| Resolution | 1 rpm | 1 rpm |
| Measuring element | Phototransistor, sighting distance max. 40 cm | ETC Adapter positioned on optical probe |
| Conditions for use (°C/%RH/m) | From 0 to +50°C. In non-condensing conditions. From 0 to 2000 m. | |
| Storage temperature | From -20 to +80 °C | |
| Power supply | 4 piles AAA LR03 1.5 V | |
| Battery life | 20 hours | |
| European directives | 2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE | |

⁽¹⁾ All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

Kit content

Instruments are supplied with an adjustment certificate, a reflective tape, a contact tip and a soft case.

Accessories

| Reference | Description |
|-----------|-----------------------------|
| - | Calibration certificate |
| MT 51 | Soft case |
| CQ 15 | Magnetic protective housing |



Only the accessories supplied with the device must be used.

Warranty

Instruments have 1-year warranty for any manufacturing defect (return to our After-Sales Service required for appraisal).

Maintenance:

We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements.

As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

Precautions for use:

Please always use the device in accordance with its intended use and within parameters described in the technical features in order not to compromise the protection ensured by the device.