

MarMonix MAN 740

Anemometer

Data Sheet



Quick Spec Highlights

- **Measurement Range:** 0.4 ~ 30.0 m/s (wind speed), -20°C to +60°C (temperature), 0-100% RH (humidity)
- **Accuracy:** $\pm(2\% + 2 \text{ digits})$ for wind speed, $\pm 2^\circ\text{C}$ for temperature, $\pm 2\%$ RH for humidity
- **Response Time:** 5 samples per second
- **Display:** 4-digit LCD, max 9999 count, with backlight

Key Features

- **Multi-Parameter Measurement:** Captures wind speed, airflow volume (CMM/CFM/CMS), temperature, humidity, and Beaufort wind force level (0-12).
- **High-Resolution Sensor:** Infrared laser with blade-cutting technology ensures stable and repeatable results in variable conditions.
- **Flexible Unit Selection:** Switch between knots, km/h, mil/h, m/s, ft/s, and ft/m for speed; CMM, CFM, and CMS for airflow.
- **Practical Functions:** Data hold, maximum/minimum tracking, and duct cross-sectional area input for precise airflow calculations.
- **User-Focused Design:** Auto power-off (cancelable), low-battery indicator, backlit LCD, compact 85 g body for portable use.
- **Durability & Reliability:** Built with ABS housing, powered by 2 x 1.5V AAA batteries, engineered for consistent performance in demanding field environments.

Ordering Info

- **Part Number :** 7603291
- **GTIN:** 6298043998048

Package Contents

- MAN 740 (main unit)
- User Manual
- 2 x AAA Battery
- Certificate of Conformity
- Warranty card

Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.

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Specifications

Specification	
Parameter	Specification
Display	LCD, 4 digits, maximum display 9999
Screen Size	33 × 36 mm
Sampling Rate	5 times per second
Sensor	Infrared laser beam and blade cutting method
Wind Speed Range	0.4 ~ 30.00 m/s (Accuracy: ±2% + 2)
Beaufort Wind Force Scale	0 ~ 12
Humidity Measurement	0% ~ 100% RH (Accuracy: ±2% RH)
Temperature Measurement	-20.0 °C ~ +60.0 °C (Accuracy: ±2 °C)
Measurement Units	Knots, km/h, mil/h, m/s, ft/s, ft/m; CMM, CFM, CMS
Resolution	0.01 / 0.1 / 1
Additional Functions	Max/Min value capture, Airflow measurement
Data Hold	Locks display reading
Auto Shutdown	15 minutes (cancelable)
Power Source	2 × 1.5 V AAA batteries
Dimensions	177 × 50.15 × 30 mm
Weight	85 g (excluding batteries)

Disclaimer

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