



ME4000

Electronic register

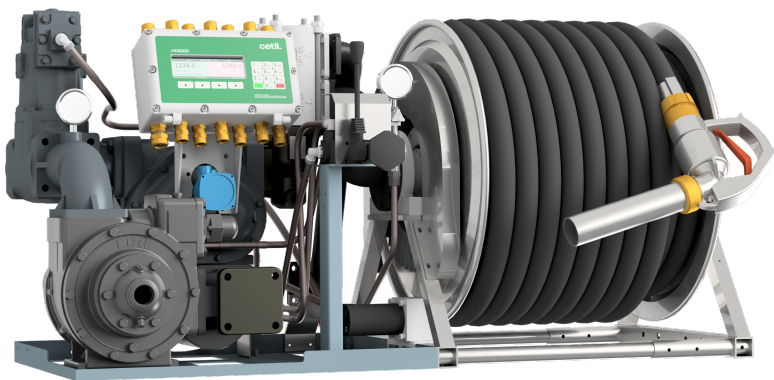
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Electronic register

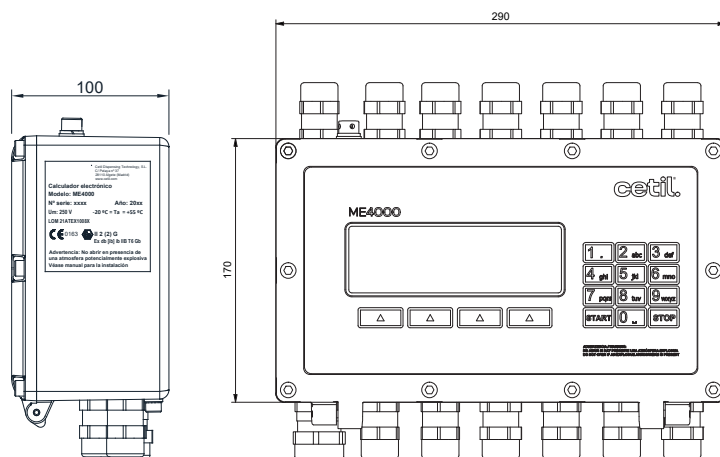
ME4000

Developed to automate the delivery of liquids and pressurised and liquified gases connected to positive displacement or mass meters. Its main application is the measurement of **petrol, heating oil and diesel, AdBlue, LPG, LNG, CNG** and recently updated for **hydrogen**. Modular design for **multi-product management**

The ME4000 can be installed where these products are being transferred, transported or stored, such as tank trucks or gantries.



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Aproximate measurements in mm.
Weight: 6kg aprox.

- Option to pre-set quantity or sum.
- Modular structure for multi-product management.
- Volume and density correction.
- Static and dynamic calibration.
- Delivery screen customisation.
- Remote diagnostics and maintenance.

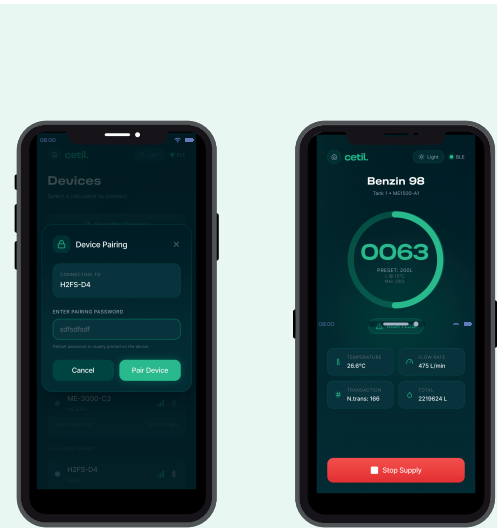
Technical information

	ME4000(*)
Applications	Tank trucks and gantries
Products	Petrol, diesel, heating oil, AdBlue LPG, LNG, H ₂
Measurement indication	Volume Corrected volume Mass
Measurement units	Volume (litres, m ³ , cm ³ , US and imperial gallons...) Amount (EUR, GBP, USD...) Mass (kg, tons, grams, pounds...) Temperature (Celsius, Fahrenheit, Kelvin) Density (kg/m ³ , g/cm ³) Pressure (bar, psi, MPa)
Simultaneously connected meters	Up to 2
Maximum resolution	3 decimals
Display	Colour TFT graphical display (127mm x 34 mm;480x128 pixels)
Temperature correction	ASTM 54A, 54B, 54C, 54D, 54E ASTM 60A, 60B, 60C, 60D, 60E
Density correction	ASTM 53A, 53B, 53D, 53E ASTM 59A, 59B, 59D, 59E
Mass meter compatibility	Yes (Emerson, Endress + Hauser, Krohne)
Measurement error correction	Static and dynamic
Communication protocol	Modbus ME4K-MB for TPV Modbus ME4K-MB for PLC
Communication ports	RS-232 (1) RS-485 (up to 3)
Supported printers	Epson TM-295 Intermec PB42/PB50 Touchstar Blaster Printer Exttech S4000T User defined escape codes
Outputs	Up to 14 power outputs Up to 4 digital outputs
Inputs	Up to 8 digital inputs Up to 4 analog inputs
Additional functionality	Remote diagnostics and maintenance Total amount calculation Blending and addition Bottom valve control Stock management
Directives	ATEX: 2014/34/EU MID: 2014/32/EU EMC directive: 2014/30/EU

(*) Specifications correct at the date of publication of this document



MID, OIML: TC12066
ATEX: LOM 21ATEX1008X



ME4000 Remote display, the app designed to view and assess deliveries, developed by Cetil®

Reliability & precision, get your data in real time.

Design for evolving futures



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