

Electronic turbine measuring system dedicated to LPG pumped deliveries



# LPG Tronique

# **Application**

Dedicated to LPG, BUTANE, PROPANE pumped deliveries for carrier trucks and semi-trailers Automated delivery management (valves, pump flow rate, emergency stop, remote control, temperature, ...) Multiple distribution modes (free mode or by presetting)

# **Advantages**

Compact and light installation with the Microcompt+ electronic calculator, ADRIANE 2" turbine On-board devices connected

Horse burst detection and blow out emergency stop

Printing: delivery note, invoice, shift and report (measurement data and event log)

Multiple connections: Serial, Bluetooth, Wifi, GPS

## **Certifications**



In accordance with the requirements of the Measuring Instruments Directive 2014/32/EU (MID)



ISO 9001



ATEX Zone 1, II 2 G compliance



European Certifications comply with the guidelines of measuring instruments and equipment installed in the explosive area



riul number ACO638

MICROCOMPT





C LISTE COMPLETE SELECTION JOUR

- 2 Gas separator
- 3 Turbine (Ex) II G c IIC T6
- 4 RCT4 Remote control (Ex) II 2G EEx ib IIA T4
- Temperature probe (Ex) II 1G Ex Ia IIC T6 Ga ou
  II 2G Ex ma II T4 Ga
- 6 Printer kit
- Electro-pneumatic control box
- 8 Pressure holding valve
- Alma Inside application: (Android/IOS for smartphones and tablets)



## Step 1

Easy manual programming for the driver

#### Step 2

Pumped Delivery, partial or complete

### Step 3

Memorization of the transaction available for printing

#### Technical characteristics

#### **GENERAL CHARACTERISTICS OF COMPONENTS**

**LPG Tronique** 

Liquids All liquefied measured: petroleum gas (LPG, butane, propane)

Flows: 6-24 m3 /h
Scale interval: 1L

Maximum pressure: 30 bars

Accuracy class: 1

Ambient temperature : -20°C à

+50°C

**Total weight:** 16kg to 45kg **Printer:** EPSON TM-U295

**Communication :** Bluetooth/ WIFI (Modbus), integrated GPS

- serial link





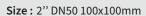


LPG Tronique

certificate LNE-13621(MID)

**ADRIANE TURBINE** 

Turbine body: Aluminium



Accuracy: 0,3% Repeatability: 0,1%

**Turbine Adriane** 

Certificate: LNE-12393 (Guide Welmec 8.8)

MICROCOMPT+ electronic calculator

Calculator body: Aluminum

LCD display: - Easy Reading

- Integrated alarm messages

- Units: L, m3/h, L/min, °C

- Simplified browsing menu

- Languages: EN, FR, IT

Protection: IP66
Power supply: 24 V

Memory: Last 365 days

Calculator

certificate: LNE-13624 (Guide Welmec 8.8)

#### Options:

- Volume compensated to 15°C or 20°C
- Multi remote control box :
- Electrical and pneumatic connections
- Double delivery output
- Connection with IoT
- Gas separator + pressure valve
- Cargo management
- Pressure maintaining valve
- Wifi communication
- GSM/GPS communication
- Alma Inside application

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\*Depending on the conditions of use.