



Gravicompt manifold

Application

Enables delivery by gravity of all refined hydrocarbons through multi-compartment manifold and a turbine for semi and rigid trucks
Partial or complete delivery
Multiple delivery methods (free, predetermination, predetermination + purge)

Advantages

Compact and light installation with the Microcompt+ calculator, the Adriane 4" turbine and the dual-flow output valve
Speed, reliability and ease of use
Multi-product delivery with no pollution
No load loss
No gas separator
Simplified printing : delivery note, invoice, daily summary
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



Hardware

- 1 Electronic calculator  II 2 G Ex db IIB T6 Gb
- 2 Turbine  II 2 G Ex h IIC T6 Gb
pulse emitter  II 1 G Ex ma IIC T5 Ga
- 3 Temperature sensor  II 1 G Ex ma IIC T6 Ga
- 4 Pressure transmitter
- 5 Vent solenoid valve
- 6 Collector equipped



Software

- 7 Alma Inside application :
(Android/IOS for smartphones and tablets)

Options

- 8 Control box
- 9 Printer Kit



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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

Gravicompt manifold :

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

Flows : 8-80m³/h
(130 - 1300L/min)

Accuracy class : 0,5

Scale interval : 1L

Maximum pressure : 20 bars

Compartment : up to 10

Ambient temperature : -20°C à +50°C

Weight : 75 kg with collector

Printer : EPSON TM-U295

Communication : Bluetooth/
WIFI (Modbus),
integrated GPS
- serial link



Certificate Gravicompt manifold :

LNE-20517 (MID)

ADRIANE TURBINE

Turbine body : Aluminum or stainless steel (if AdBlue)



Size : 4" DN100 TTMA

Viscosity : up to 13 mm²/s

Accuracy : 0,1%*

Repeatability : 0,02%

Gravicompt manifold

Certificate : [LNE-12393 \(Guide Welmec 8.8\)](#)

MICROCOMPT+ electronic calculator

Body : Aluminium

LCD screen :

- Easy reading
- Simplified browsing menu
- Integrated alarm messages
- Units : L, m³/h, L/min, °C
- Languages : EN, FR, IT

Power supply : 24 V

Protection : IP66

Memory : 3 years

Calculator

Certificate : [LNE-13624 \(Guide Welmec 8.8\)](#)

Options :

- Stainless steel turbine for AdBlue
- Volume conversion at 15°C or 20°C
- Multi-radio control box :
Electrical and pneumatic connections
- Connection with embedded computing
- Wifi communication
- GSM/GPS communication
- Alma Inside application

*Depending on the conditions of use.

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