



# Gravitronique

## Application

Dedicated to pumped and gravity deliveries for all refined hydrocarbons and AdBlue,  
for semi-trailers or carrier trucks  
Transactional metering  
Full automated delivery by preset, preset with anticipated purge or free mode  
Automated purge for optimisation of declassified product quantity (5l max)

## Advantages

Compact and light installation with the Microcompt+ electronic calculator,  
ADRIANE turbine 4" and the pressure sensor  
Fast, reliable and easy-to-use  
Secure multi-product delivery with no pollution nor mixing  
No load loss  
No gas separator  
Both automated & anticipated deliveries, rinse and purge  
Optimization of downgraded product quantity (SL max)  
Printing : delivery note, invoice, shift end report measurement data + eventlog  
Multiple connections : serial, Bluetooth, Wifi, GPS

## Certifications



Material in conformity with  
Measuring Instruments  
Directive 2014/32/EU



ISO 9001



ATEX conformity Zone 1, II 2 G



European certifications in  
accordance with directives  
concerning measuring  
instruments and equipment  
installed in explosive area



- 1 Electronic calculator II 2 G Ex d IIB T6 Gb
- 2 Pressure sensor : II 1 G Ex ia IIC T6
- 3 Product return valve
- 4 Remote control
- 5 Turbine II 2 G c IIC T6
- 6 Sight glass
- 7 Printing kit
- 8 Solenoid valve kit
- 9 Antenna box (GSM + GPS options)



## Step 1

Intuitive manual programming for the driver

## Step 2

Pumped or gravity delivery, partial or complete

## Step 3

Delivery transaction ticket ready to be printed (saved)

## Technical characteristics

### GENERAL CHARACTERISTICS OF COMPONENTS

#### GRAVITRONIQUE

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

Flows : 8-80 m<sup>3</sup> /h  
133-1330L/min

Accuracy class : 0,5

Scale interval : 1L

Maximum pressure : 20 bars

Minimum pressure : ≥ 0,3 bars  
(pumped) /  
PATM (gravity)

Compartments : up to 6

Accuracy : 0,1 %

Repeatability : 0,02%

Temperature : -20°C to +50°C

Temperature probe : PT100

Total weight : 19kg

Printer : EPSON TM-U295

Electro-pneumatic control box

Communication : Bluetooth/  
WIFI, RFID,  
ethernet



Gravitronique

Certificate : LNE-27785 (MID)

#### ADRIANE TURBINE

Body turbine : Aluminium



Size : 4" DN100 TTMA

Viscosity : 13 mm<sup>2</sup> /s max

Accuracy : 0,3%

Certificat : LNE-12393  
Turbine (Guide Welmec 8.8)

MICROCOMPT+ calculator

LCD screen : - Easy Reading  
- Simplified browsing menu  
- Integrated alarm messages  
- Units : L, m<sup>3</sup>/h, L/min, °C  
- Languages : EN et FR

Protection : IP66

Body : Aluminium

Power supply : 24 VDC

Memory : 3 years

Calculator : LNE-13624  
Certificate : (Guide Welmec 8.8)

### Options :

Volume compensated to 15°C or 20°C  
Delivery route : 2 reels and 1 direct output  
Remote control

System management : Return products  
Additive pump  
Overflow probes

Single or dual manifold  
Connection to on-board computing  
Communication : GSM, GPS

\*Depending on the conditions of use.

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