



Dual-Tronique

Application


Dedicated to measured double distribution of pumped hydrocarbons (fuel, oil, highway diesel, non-road gas oil) and AdBlue

- Complete and fully automated management of different cargo compartments
- Multiple delivery modes (free, pre-de, pre-de + purge)

Advantages


- Light and compact installation, with optimised maintenance
- Easy-to-use (3-buttons Microcompt)
- 1 single electronic calculator / computer with alternative use of one of the 2 measurement channels : with Adriane turbine, electro-magnetic meter or other technologies upon request
- 1 single tool for different specialities
- Multi-product delivery without contamination nor pollution
- Automation of the delivery process
- Easy printing : delivery voucher, invoice, receipt
- Multiple connections : GPS, bluetooth, wifi, data transfer to PC / smartphone (CTD+key)

Certifications

 Material in conformity with measuring instruments directive 2014/32/UE (MID)

 ISO 9001

 Conformity ATEX Zone 1, Gaz Group B

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



Main components :

Hardware

- ① Electronic control unit - ② II 2 G Ex d IIB T6 Gb
- ② 2 turbines or meters* - ② II 2 G c IIC T6
- ③ 2 pressure probes* - ② II 1 G Ex ia IIC T6

Software

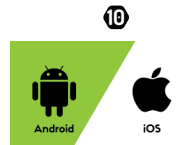
- ⑩ Alma Inside application for smartphone and tablet*

Options

- ④ 2 solenoid valve kit - ② II 2 G Ex e mb IIC T4 Gb
- ⑤ Printer
- ⑥ 2 temperature probes* - ② II 1 G Ex ma II T4 Ga
- ⑦ 2 check valves
- ⑧ 2 viewer kit
- ⑨ Antenna kit (GSM/GPS options)*



*depending on configuration



Technical specifications

GENERAL SPECIFICATIONS

Metered Liquids : All refined petroleum products (heating oil, diesel, fuel, jet, red diesel, ethanol...), AdBlue

Flow rate : 4-50m3/h (turbine 2")
8-80m3/h (turbine 3")
4-40m3/h (EM50 et 60)
5-80m3/h (PD 340 C63 et PD 340 C51)

Ambient T° : -25°C to +55°C

Accuracy class : 0,5

Accuracy : 0,1%*

Repeatability : 0,02%

Scale interval : 1L

Max pressure : 0,3 bars

Temperature probe : PT100

Turbine body : Aluminium

Size : 2" DN50 100x100mm or
3" DN80 110x110mm

LCD screen :- Easy & simple reading
- Easy & simple navigation menu
- Alarm message integrated
- Units : L,m3/h, L/min, °C
- Language : EN, FR

Power supply : 24 V

Memory : 3 years

Printer : EPSON TM-U295

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



Options :

- Electro-magnetic meter
- Inox turbine for adblue
- Volume conversion at 15°C or 20°C
- Two delivery channels (full / empty)
- Monitoring of anti-overflow probes
- Product return management system
- 3 or 4 buttons radiocommand
- IoT connection
- Additive management
- Cargo management
- Alma inside application for smartphones & tablets (Android / iOS)

Certificate

CMA-Tronique : [LNE-14983](#)

Certificate

Turbo-Tronique : [LNE-26664](#)

Way 1

CMA-Tronique
CMA-Tronique
Turbo-Tronique

Way 2

CMA-Tronique
Turbo-Tronique
Turbo-Tronique

Other configuration on request
(with or without gas separator)

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