



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-determination, pre-determination + 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



Hardware

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

Software

- ⑩ Alma Inside application :
(Android/IOS for smartphones and tablets)

Options

- ④ 2 solenoid valve kit ☎ II 2 G Ex e mb IIC T4 Gb
- ⑤ Printer
- ⑥ 2 temperature probes ☎ 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 characteristics

GENERAL CHARACTERISTICS OF COMPONENTS

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

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

Temperature : -20°C to +50°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 remote control
- IoT connection
- Additive management system
- Cargo management system
- Alma Inside app for smartphone / tablet / 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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