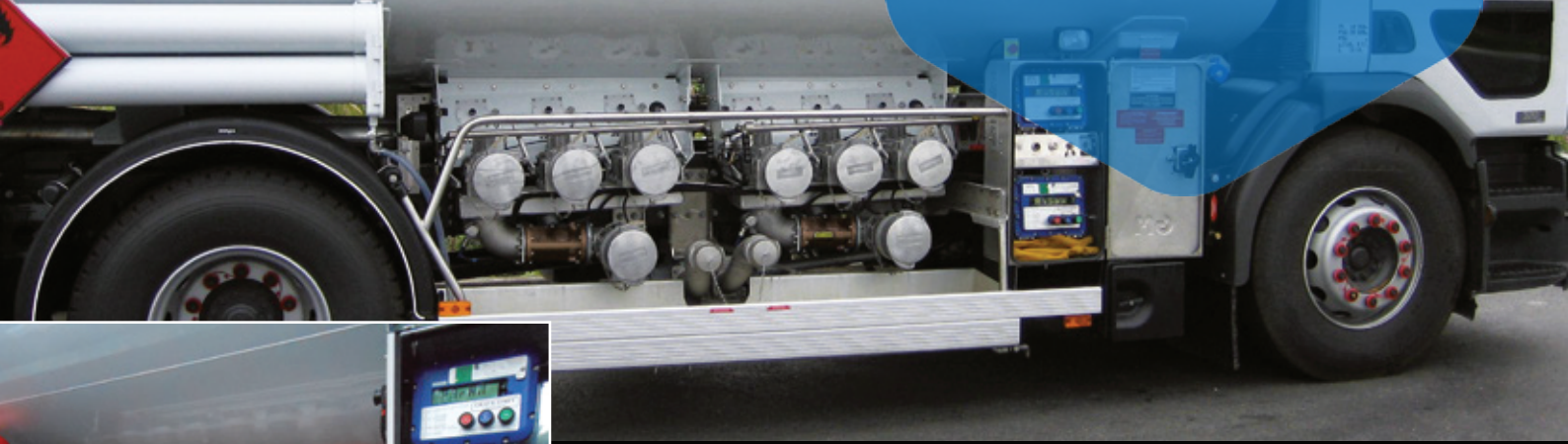


# GRAVICOMPT MANIFOLD

Turbine gravity metering system with manifold



GRAVICOMPT MANIFOLD



## Product certification



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



ISO 9001 : 2015



ATEX conformity Zone 1, II 2 G



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

## Application

Enables delivery by gravity of all refined hydrocarbons through multi-compartment manifold and a turbine for semi and rigid trucks.

- Anti-pollution automated delivery management
- Dry manifold at the end of delivery
- Full automated delivery by preset or free mode
- Delivery note & end of day recap
- On-board data system connection

## Constitution

- **4" ADRIANE Turbine:**
  - High accuracy and repeatability
  - Equipped with pulse emitter
  - Multi-product
- **MICROCOMPT+ Electronic calculator:**
  - Ergonomics strengthened
  - Fully automated delivery process
- Dual flow output valve
- Preset & flow dynamic management

## Product benefits

- No mechanical gas separator
- Automated delivery management
- Multi-product delivery with no pollution
- Compact size & lightweight
- Fast delivery with low pressure drop



# GRAVICOMPT MANIFOLD

## Key features

The GRAVICOMPT MANIFOLD is an extremely compact measuring system for semi and rigid trucks. MID certified, it is intended for use during gravity-flow deliveries of diesel and petrol to both professional and private customers.

The technical sophistication of our ADRIANE turbine enables the GRAVICOMPT MANIFOLD to deliver all fuel types, with ease and by gravity flow. Its design is light and compact. With no mechanical gas separator, it comprises just one high precision measuring chamber.

The MICROCOMPT+ electronic calculator enables continuous regulation of the flow rate. It automatically controls the entirety

of all delivery procedures, such as predetermined or complete deliveries.

Through the secure sequence of product movement associated with the system, pollution and product cross-contamination are avoided.

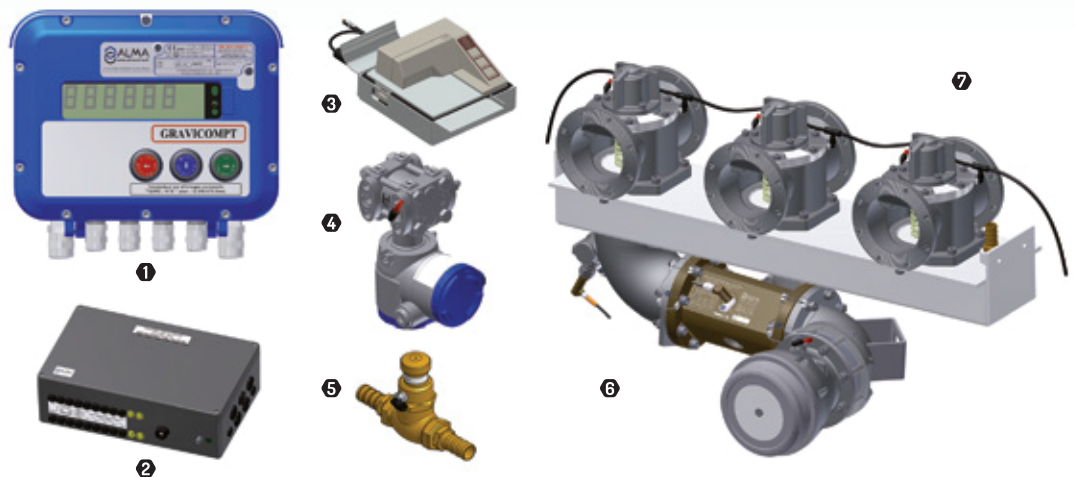
By using reliable and unrivalled durability of our products, clients can easily connect to the installed software, are guaranteed a greater traceability of data, make their deliveries safe, improve their productivity and minimize the need for maintenance interventions.

| GRAVICOMPT MANIFOLD |   | ADRIANE Turbine   |                            | Options                      |   |
|---------------------|---|---|----------------------------|------------------------------|---|
| Mesured liquids:    | All refined hydrocarbons ( <i>heating oil, diesel, fuel, jet etc.</i> ) | Body:   | Aluminum                   | Temperature conversion:      | 15°C or 20°C                                      |
| Flow rate:          | 8-80 m <sup>3</sup> /h<br>130-1300 l/min                                | Size:   | 4" DN100 TTMA              | Printer:                     | EPSON TM-U295                                     |
| Accuracy class:     | 0,5   | Atex:   | ⊕ II 2 G c IIC T6          | Control box:                 | For electrical and pneumatic connection interface |
| Accuracy:           | 0,1%*   | Viscosity:  | 13 mm <sup>2</sup> /s max. | On-board computer connection |   |
| Repeatability:      | 0,02%   | <b>MICROCOMPT + Calculator</b><br>LCD screen: <ul style="list-style-type: none"> <li>- Easy reading &amp; simple navigation menu</li> <li>- Alarm messages integrated</li> <li>- Units L, m<sup>3</sup>/h, L/min, °C</li> <li>- Multi-language</li> </ul> Powersupply: 24 VDC<br>Atex: ⊕ II 2 (1) G Exd [ia Ga] II B T6 Gb<br>Memory: 365 days<br>Printing: <ul style="list-style-type: none"> <li>- End of day recap</li> <li>- Log of events</li> <li>- Delivery note</li> <li>- Invoice</li> </ul> |                            |                              |   |
| Scale interval:     | 1L  |   |                            |                              |   |
| Max. pressure:      | 20 bars   | Equipped manifold   |                            |                              |   |
| Compartment:        | up to 10  |   |                            |                              |   |
| Temperature:        | -25°C to +55°C  |   |                            |                              |   |
| Weight:             | 75 kg manifold included   |   |                            |                              |   |
| Communication:      | MODBUS or serial  |   |                            |                              |   |
| Certificate:        | LNE-20517 (MID)   |   |                            |                              |   |

\* Depending on the conditions of use

## GRAVICOMPT MANIFOLD

- 1 Electronic calculator
- 2 Control box (optional)
- 3 Printer kit
- 4 Pressure sensor
- 5 Vent valve
- 6 Equipped manifold
- 7 Temperature probe



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