



**ATEX
approved.
Fixed gravity
metering!**

Bi-directional turbine metering system, dedicated for gravity deliveries!

At MechTronic we are excited to be the first company to supply metering for all gravity deliveries for the UK trailer market.

In collaboration with our partners, Alma we are delighted to be able to deliver GraviCompt, a compact ATEX approved metering system that is dedicated to gravity deliveries of all refined products such as diesel and petrol.

A turbine meter is installed behind each API coupling. The turbine allows bi-directional metering which means you can measure the quantities that are bottom loaded and delivered. Therefore, you can now load/discharge petrol, diesel through the API as normal, but now the volume is metered.

No gas separator is required and with GraviCompt's preset function, drivers can set a specific quantity to deliver, ensuring the exact quantity is delivered every time without fail.

Main features:

- **Allows the gravity delivery of petroleum products from a compartment, from semi-trailers and rigid trucks.**
- **Gravity deliveries through a turbine meter**
- **Metering on loading (for loading/unloading comparison)**
- **Partial or full delivery by preset or free mode**
- **Delivery note and daily log**

Bi-directional turbine metering system, for gravity deliveries

GraviCompt

Liquids measured:	Heating oil, diesel fuel, petrol, avgas
Flow rate:	8-80 m ³ /h 130-1300 l/min
Accuracy class:	0,5
Accuracy:	+/- 0,1%*
Repeatability:	+/- 0,02%
Scale interval:	1L
Max. pressure:	5 bars
Temperature:	-25°C to +55°C
Weight:	7 kg
Communication:	Serial link (on MPLS) Infra Red link (on UNI)
Certificate:	LNE-30858 (MID)

Adriane Turbine

Body:	Aluminum 242
Size:	4"DN100
Viscosity:	13 mm ² /s max.

Bi-directional measurement

Loading flow rate:	15-150m ³ /h**
Delivery flow rate:	8-80m ³ /h

Multi-products (petrol and distillates)

Flanges:	TTMA
Certificate:	LNE-12393 (WELMEC Guide 8.8)

* Depending on the conditions of use

Calculator

LCD screen:	Easy to read Alarm messages integrated Units L, m ³ /h, L/ min, °C French or English language
Power supply:	Built-in battery
Memory:	9,000 measurements

Installation on the turbine or remotely up to 5m (optional)

Certificate:	LNE-25603 (WELMEC Guide 8.8)
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Options

Data transfer key CTD+ (not ATEX)
Printing valise for CTD+ transfer key
Preset module (MPLS) on the UNI
Printer: TMU 295 (if MPLS)

