

GPL TRONIQUE

Electronic turbine metering system dedicated to LPG deliveries for road tanker and semitrailer

► Application

For deliveries of LPG, BUTANE, PROPANE and all liquefied gas, through hose reel:

- Delivery by presetted quantity or free mode
- Automated delivery management: valves, pump flow rate, emergency stop, remote control, temperature, etc.
- Delivery note and log printing
- On-board devices connected
- Blow-out hose emergency stop

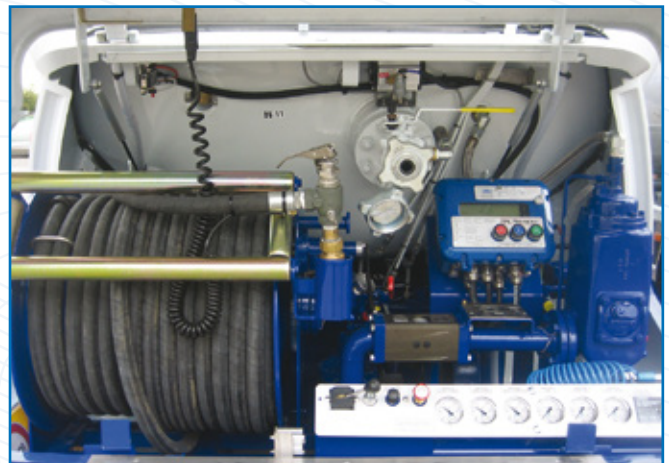


LPG Road tanker

Constitution

GPL TRONIQUE (MID)

- **MICROCOMPT+ Electronic calculator**
 - Large bright display
 - 3 buttons
- **ADRIANE 2" Turbine meter**
 - Assembled with gas separator and pressure valve
 - Flow rate: 100-500 l/min
- **Temperature sensor**
 - With temperature compensation at 15°C or 20°C
- **Multi remote-control box**
- **Printer kit**



GPL TRONIQUE metering set



ALMA advantages

- **Material in conformity with Measuring Instruments Directive 2004/22/EC (MID)**
- Turbine allows:
 - Compact and light installation
 - Fast deliveries and low pressure drop
- Fully automated delivery sequence
- Remote control ready
- Hose blow-out emergency stop

► ALMA, certified products



ATEX Conformity
Zone 1



ISO 9001: 2008



European Certifications in accordance with directives concerning measuring instruments and equipments installed in explosive area

► Technical specifications

TURBINE		CALCULATOR		GPL TRONIQUE	
Body:	Aluminum 242 with pulse emitter, assembled with gas separator and pressure valve	LCD screen:	Main line of 6 digits 20 digits information line Pictograms (L, m ³ /h, °C) Multilanguage interface	Certificate:	EC LNE-13621 (MID)
Size:	2" DN50 100x100mm	Body:	Aluminum	Total weight:	45 kg
Weight:	4 kg - 30 kg fully assembled	Power supply:	24 VDC	Communication:	Serial RS232 or RS485
Atex:	Ex II 2 G cII CT6	Weight:	12 kg	Pressure:	Up to 24 bars
Temp.:	-25°C to +55°C	Atex:	Ex II2 (1)G Ex d [ia] IIB T6	Indication scale:	1L
Certificate:	EC LNE-12393 (MID)	Protection:	IP66	Accuracy class:	1
Metered Liquids:	All liquefied petroleum gas (LPG, butane, propane...)	Temp.:	-25°C to +55°C	Temp. probe:	PT100
Viscosity:	13mm ² /s max.	Certificate:	EC LNE-13624 (MID)	Printer:	EPSON TM-U295
Flow rate:	6-30 m ³ /h 100-500 l/min	Memory:	Last 365 days	Options:	
Accuracy:	0,3%	Printing:	End of day recap Log of events Delivery note	Volume conversion at 15°C or 20°C	
Repeatab.:	0,1%			Control box: electrical, pneumatic and safety connections	
Pressure:	30 bars			Delivery output(s) : 1 or 2 hose(s)	
				Connexion with on-board devices	
				Multi remote-control ready	
				Stainless steel Turbine	
				Gas separator flanged Turbine	

