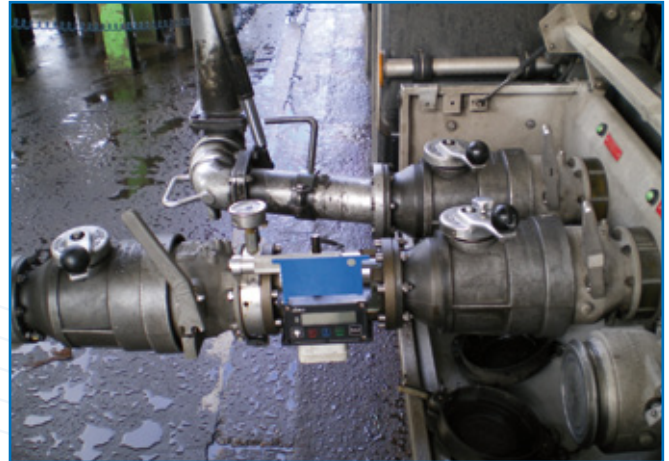


ETALCOMPT API

Master meter enabling periodical accuracy checking (non metrological) of metering device installed on API loading arm

► Application

- Direct reading of volume loaded in tanker truck, allowing real-time comparison with metering device installed on API loading arm during operations
- Equipment fully adapted to petroleum liquids and explosive atmosphere environment



ETALCOMPT API in situation

Constitution

ETALCOMPT API

- UNI electronic indicator device (ATEX)
- ADRIANE DN100 turbine meter with sightglass
- 4" API coupling with check valve
- 4" API adaptor
- Purge valve and air intake with automatic return to closed position
- Protective transport suitcase



ETALCOMPT API Protective transport suitcase

ALMA advantages

- Easy to use
- Verify the accuracy of all types of meter
- No flow-over tank
- Low internal volume (low liquid contamination)
- No leakage during connecting/disconnecting operations
- Protective caps sets onto couplers when not operating
- Optional: lifting and ATEX balancer
- Possibility to key in loading arm # to register data collected into a log
- Empty weight : 27 kg (31 kg with liquid)
- Manufacture calibration certificate (diesel & gasoline)
- Protective transport suitcase supplied

► ALMA, certified products



ATEX Conformity
Zone 1



ISO 9001 : 2008



European Certifications in accordance with directives concerning equipments installed in explosive area

► Technical specifications

Specification	
Liquids Measured	Liquid hydrocarbons (except LPG)
Viscosity	0,5 to 13 cSt
Accuracy & connection	Connection to the prover tank. Error caught is taking into account at the beginning of the loading arms audit to implement a correction
Flow range	80-135 m ³ /h (high flow checking only)
Repeatability	< 0,05%
Local Temperature	-25°C/+55°C
Working Temperature	-10°C/+50°C
ATEX classification	Ex II G Eex ia IIB T4

► Option

ATEX balancer



Video available on following link:
<http://youtu.be/KF-BPBmhWQ>

