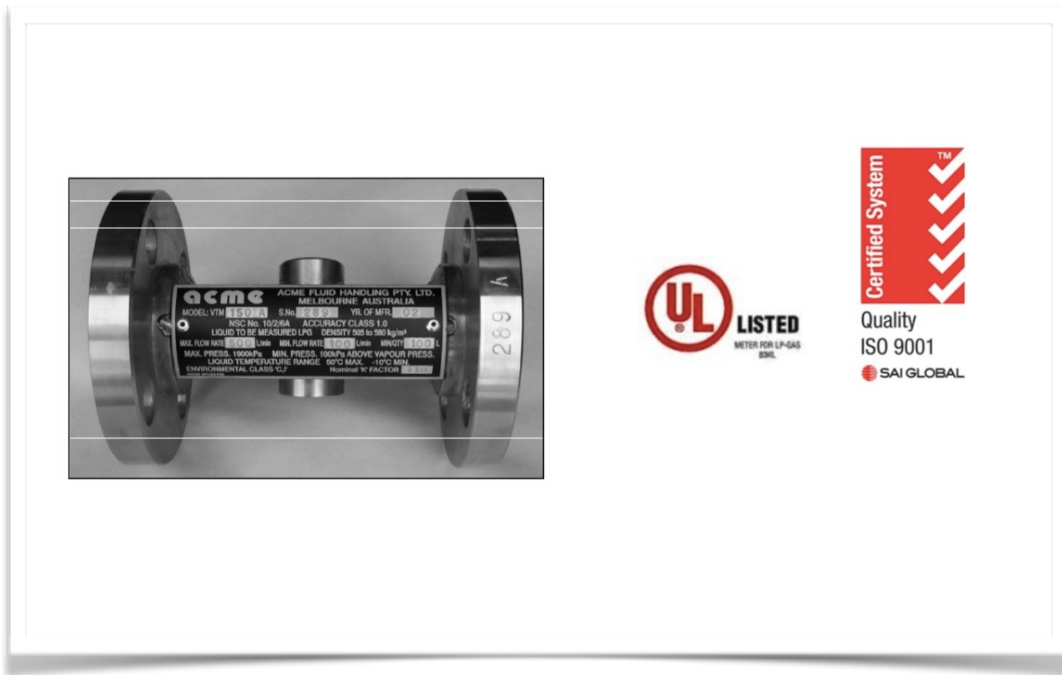


LA-VTM SERIES SOLUTIONS

Skid consists V-series decanting pump and turbine meters.



VTM series Turbine meter has three sizes depends on the required flow rate and as shown in below table. Turbine meter is too small physically and no need to use flow straighteners. It can be placed in limited spaces if you compare to PD meters or Mass flow meters. VTM series have high accuracy compare to PD meters and negligible friction lost compare to other metering system to reach maximum flow rate at operating conditions. It does not need to change any parts during its operation and no maintenance requirement.

User friend high engineering experienced meter

1

SMALL

VTM LPG turbine meter is as small as compare to other type metering systems

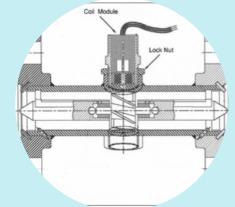
2

ACCURATE

Its' measuring accuracy is about 0,5% or less.

3

NO MAINTENANCE REQUIRMENT



Engineering material

VTM body has stainless steel long life resistivity



Counter

6000 series register and electronic counter

TM295 slip printer



Every delivery can be printed sequentially by integrated printer.

| Model | Size | Min Flow (Litres) | Max Flow (Litres) |
|--------|------|-------------------|-------------------|
| VTM005 | 12mm | 10 | 60 |
| VTM100 | 25mm | 60 | 320 |
| VTM150 | 32mm | 100 | 500 |
| VTM200 | 50mm | 200 | 1500 |

V2000&V3010 SLIDING VANE LOADING&UNLOADING PUMPS

V2000 series unloading&loading pumps has 5,5 kW Ex-proof electric motor ,external by-pass valve and 200LPM at 7 bars differential pressure.

V3010 series unloading&loading pumps has 7,5kW Ex-proof electric motor ,external by-pass valve and 360LPM at 7 bars differential pressure.

Skid contains also 1 pieces 2” loading hose and 1 pieces 1 1/2” vapor return hose including rotational flange at each side. Chassis , wheels which can be fixed or let the skid move on. Electrical panel is to control skid free from main control panel ,control valves,pressure gauges , safety relief valves.



OVERFILL PROTECTION

Skid system separated electrical control panel can be connected with ELC01 electrical control panel for LPG re-fueling station and loading can be stop at the tank level reaches maximum which is set %80 of whole tank volume .This is automatically over fill protection

ATC (AUTOMATIC TEMPERATURE COMPENSATION)

Skid can be measure the delivery in Liter or kg and can be show the instant flow rate and compensate with temperature value to measure exact value of delivery. every delivery has a serial number and non registered delivery can not be done .

| DELIVERY DOCKET | |
|-------------------------------|-----------------------------------|
| Product: Liquid Petroleum Gas | |
| Truck ID | 001234 |
| Unit ID | 001 |
| Delivery No. | 0002 |
| Date | 17/08/2001 |
| Start Time | 15:05 |
| Finish Time | 15:05 |
| Status | 000 |
| Net Acc Total | Finish Ltrs 0.0 |
| Net Acc Total | Start Ltrs 0.0 |
| Gross Delivery | Total Ltrs 0.0 |
| Net Delivery | Total Ltrs 0.0 |
| Product Temperature | °C 17.5 |
| Converted Volumes | Corrected To 15.0°C |
| Density at 15.0°C: | 540.0 (kg/m3)(manual) |
| X | Customer sign to verify delivery. |