

LPG Filling Solutions For YOU!



About us :

LIQUEFIED is a South African company dedicated to the design, manufacture, and supply of industrial-grade LPG filling solutions. Our products are engineered for accuracy, safety, and durability, catering to distributors, depots, and high-volume filling stations. Each solution is designed with operator safety, regulatory compliance, and operational efficiency in mind. Our solutions integrate advanced engineering, precision components, and ergonomic design for maximum reliability.



Prices from R 16 995.95

Our Products :

• Manual Handpump

Rugged, portable handpump solution for small-scale distributors and remote operations. Ideal where power or air supply is limited.

Features

- Pump displacement
- Typical throughput
- 3 kg fill time
- Construction
- Mounting
- Safety

Specification

150 g per downward stroke
1.5-2.0 kg/min
~1.5-2.0 min
Heavy-duty mild steel, corrosion-resistant parts
Portable base, optional fixed installation
Non-return valves, mechanical stops

Operational Benefits:

- Low maintenance and reliable
- Flexible deployment and portable
- Suited for challenging environments

• Pneumatic Foot-Switch Pump

Pneumatic assistance reduces operator effort while maintaining compatibility with the manual handpump base.

Features

- Cylinder
- Operating pressure
- Throughput
- 3 kg fill time
- Construction
- Accessories
- Safety

Specification

Ø50 mm × 250 mm
4-8 bar
2.0-2.4 kg/min
~1.25-1.5 min
Stainless steel wetted parts, robust frame
FRL, exhaust silencers, quick-connect fittings
Pressure relief, controlled exhaust

Operational Benefits:

- Reduces fatigue, adjustable stroke speed
- Easy retrofit to existing handpumps

• Pneumatic + Scale Auto Shut-off

Semi-automatic system combining pneumatic actuation with electronic scale for precise weight-based fills.

Features	Specification
<ul style="list-style-type: none"> Cylinder Scale capacity Accuracy Throughput 3 kg fill time Accessories 	Ø50 mm × 250 mm 150–300 kg ±0.1% FS 2.0–2.4 kg/min ~1.25–1.5 min FRL, flow controllers, quick-connect fittings
<ul style="list-style-type: none"> Safety 	Auto shut-off relay, mechanical and pneumatic interlocks

Operational Benefits:

- Eliminates overfill/underfill
- Minimizes operator fatigue
- Adaptable to multiple cylinder sizes

• Pneumatic + Solenoid + Scale

Push-button semi-automatic filling; solenoid valve actuates cylinder, and scale controls precise fill stop.

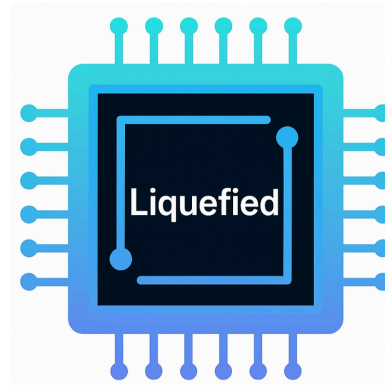
Features	Specification
<ul style="list-style-type: none"> Cylinder Solenoid valve Scale 	Ø50 mm × 250 mm 24 VDC / 220 VAC single phase, 3/2 or 5/2 Digital indicator with relay shut-off
<ul style="list-style-type: none"> Throughput 3 kg fill time Accessories 	2.0–2.4 kg/min ~1.25–1.5 min FRL, exhaust silencers, flow controllers
<ul style="list-style-type: none"> Safety 	Emergency Stop, redundant valve options, pressure relief

Operational Benefits:

- Push-button operation, reduces human error
- Ideal for medium-volume filling stations

General Notes:

- Performance assumes correct supply pressure, inlet conditions, and LPG properties
- Actual fill times may vary with temperature, viscosity, and installation
- All systems include E-stop, redundant safety interlocks, and are designed for operator safety and regulatory compliance



+27 79 038 8499



Sales@Liquefied.co.za



Unit 20 George Palmer Business Park, Jet Park, 1459



www.Liquefied.co.za

• Tri-P Motorised Pump (Ex-d Rated)

Fully automatic, 3-piston pump with flameproof motor. Operator enters weight; system fills automatically and stops precisely at setpoint.

Features	Specification
<ul style="list-style-type: none"> Pump type Motor Electrical supply Scale 	3-piston positive displacement Ex-d rated flameproof motor 380V 3-phase, configurable Digital indicator with programmable setpoint relay
<ul style="list-style-type: none"> Throughput 3 kg fill time 	2.0–2.4 kg/min (standard), up to 3.0 kg/min (high-throughput) 1.25–1.5 min standard, ≈1 min high-throughput
<ul style="list-style-type: none"> Accessories Safety 	FRL, flow controllers, exhaust silencers, quick-connect fittings Flameproof motor, auto shut-off relay, Emergency Stop, overload protection, pressure relief

Operational Benefits:

- Fully automatic, minimal operator input
- High-volume depot applications
- Scalable for PLC/HMI integration

• Depot Filling Scale (Standalone Option)

For bulk filling depots; integrates with any pump. Pump not included.

Features	Specification
<ul style="list-style-type: none"> Capacities Accuracy Resolution Auto shut-off Communications 	300 / 600 / 1500 kg ±0.1% FS 10–50 g depending on model Relay (NO/NC) configurable RS232/RS485/Ethernet, printer (optional)
<ul style="list-style-type: none"> Construction Safety 	Stainless steel floor plate, IP66 indicator, robust load cells Overload protection, audible & visual alarms, E-stop input

