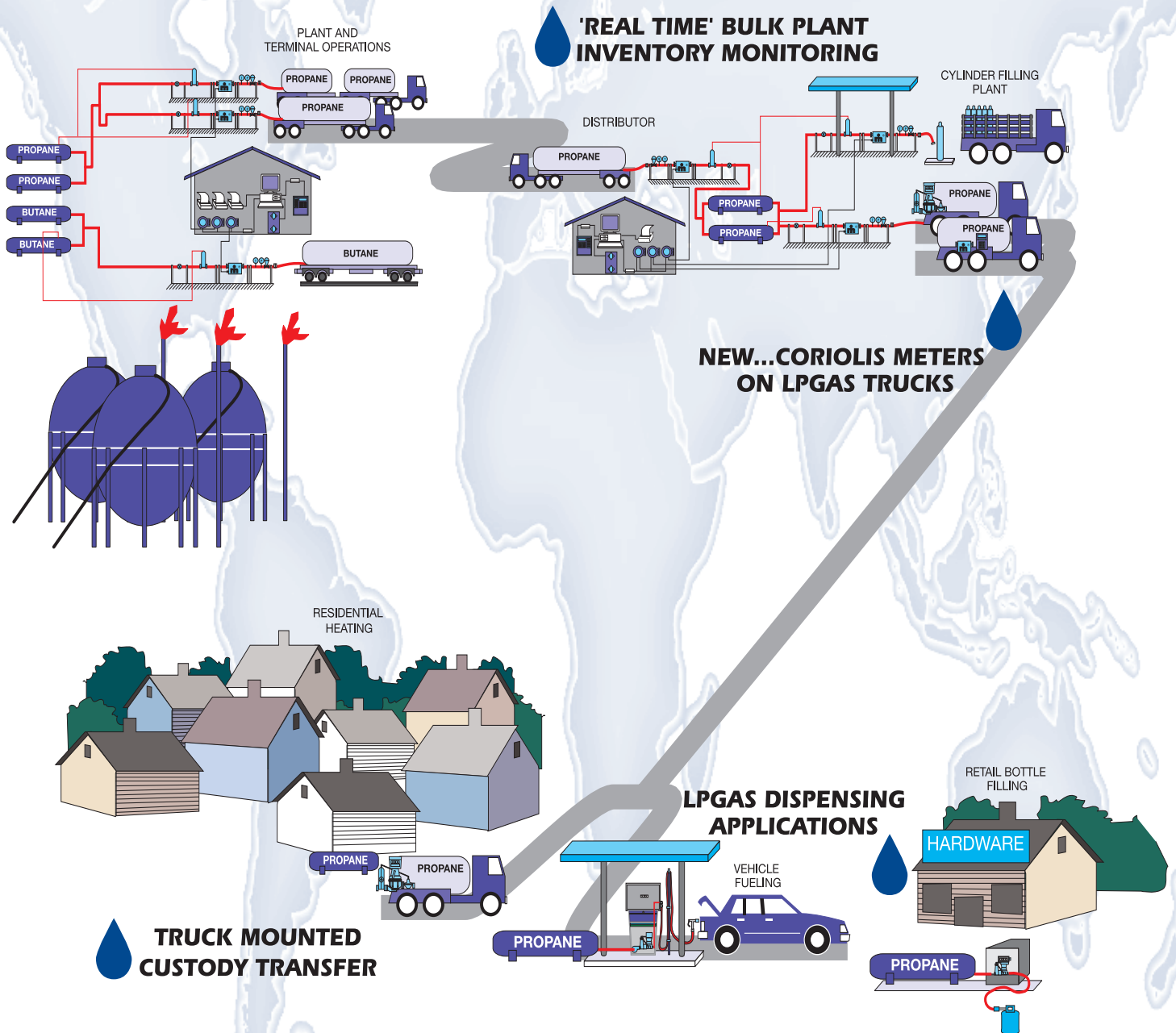


A World of LPGas Measurement Solutions



Cylinder Filling and Auto Fueling Operations

Mechanical

Type 4D-MD 1" Compact LPG Dispenser Flowmeter

Auto gas dispenser manufacturers worldwide specify the Neptune 1" 4D-MD flowmeter. With all components—vapor release, measuring element and differential valve—integrated into a compact, lightweight aluminum body, this unit offers outstanding packaging advantages. This flowmeter offers lasting accuracy and reliability for filling portable bottles.

- Cost-effective alternative to multi-piston designs
- Interfaces with a variety of electronic volume and price indicators
- Long-life piston with Nituff® Teflon® coating
- Removable measuring chamber simplifies maintenance

Electronic

Troya II Cylinder Filling Control System

This system offers maximum control over weigh scale filling operations, providing real-time data for each individual scale and for the complete platform. This system is equipped to prevent and report any event that may disrupt normal filling. The user can know, at any time, the number of cylinders filled by size, the number of both successful and failed fillings and the total quantity of LPG used, with minimum error.

- Office software for real-time control of each scale
- Daily reports with activity data per scale or group of scales
- Alarms against fraudulent filling
- Up to 99 scales
- Compatible with electronic or mechanical scales
- Easy and quick installation

UDS Micro Auto Fueling Control System

This low-cost LPG dispenser is an excellent solution for private fleet applications. With the capability to manage five different prices, this unit can control the amount of gas pumped by user or by vehicle.

- Low-cost alternative for private fleets
- Works as standalone or connected to a PC for complete fleet control
- Account control through card reading transponder or through keypad
- Stores last 500 events in memory
- Up to 99 systems in series
- Daily activity reports

The 1" Type 4D-MD Oscillating Piston Dispenser flowmeter offers accuracy and reliability in a compact package.



The Troya II captures activity data per scale or group of scales.



The UDS Micro works as a standalone controller or connected to a PC for complete fleet control.



To succeed in today's market, you need flexibility in measurement and information management. Actaris gives you both, with the expertise you need for today and for tomorrow.

Actaris — clearly your source for a World of LPGas Measurement Solutions!

Truck-Mounted Custody Transfer

Mechanical Measurement/Mechanical Registration

Type 4D-MT Truck Flowmeter

What do you look for when choosing the right meter for your business? Reliability, accuracy, quality, performance, repeatability and reputation? After all, your bottom line depends on the meter you use. LPG marketers have always trusted Neptune products.

The dual case oscillating piston used in every Neptune model leads the field—in accuracy, repeatability, calibration stability and ease of maintenance—everything that matters in daily operations.

- The industry standard for truck-mounted custody transfer and invoicing
- Oscillating piston with low-friction Nituff® Teflon®-impregnated coating for long life
- Register options: E4000, R2000 or Series 800 registers
- Removable measuring element for easy maintenance

Type 4D-MT Specifications

Size,	mm (in.)	Flow Range,	
		litres/min	(gpm)
19.1	(1-1/2)	45-227	(12-60)
50.8	(2)	76-379	(20-100)

The Type 4D-MT Oscillating Piston Flowmeter uses proven technology for long, reliable and accurate service life.



Mechanical Measurement/Electronic Registration

New E4000 Electronic Register

The Neptune E4000 Electronic Register system automates transaction operations for deliveries of LPG.

- Easiest electronic register to own and operate
- Interactive display guides operators through delivery functions—rapid driver acceptance
- Can deliver 10 priced products, invoicing directly from the truck—eliminating handwritten tickets and improving cash flow
- Neptune Configuration Software rapidly downloads pricing changes from a laptop
- Upgrade capability without additional equipment—go from “pump and print,” to standalone pricing, to integrated mobile computing without additional equipment upgrades
- Preset deliveries with dual-stage valve

More functionality, easier to use—smarter today, smarter tomorrow.



New R2000 Electronic Register

When transaction security is your primary concern, the R2000 is designed to protect your profits.

- Remote keypad user interface
- Stores last 800 transactions
- Reports breaches in security
- IRD (infrared detection) communication
- Adaptable to varied market requirements, three languages available

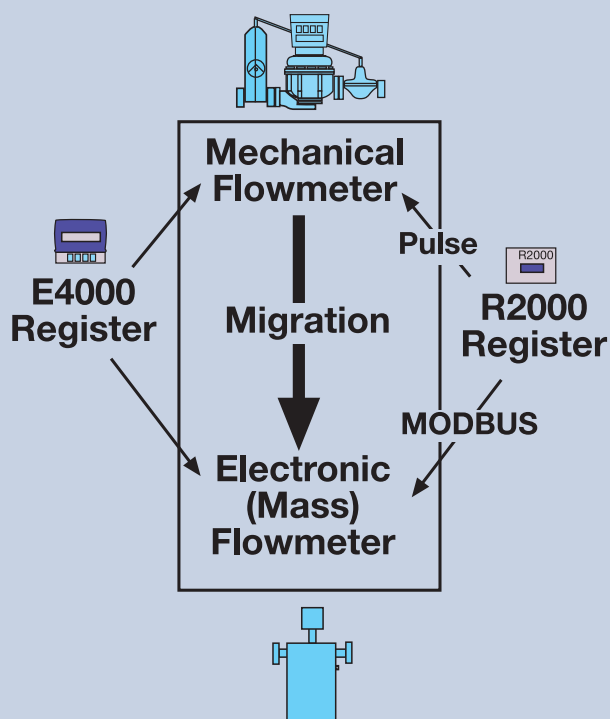
The Neptune R2000 offers an extra measure of transaction security to protect your profits.



Measurement Technology for the World

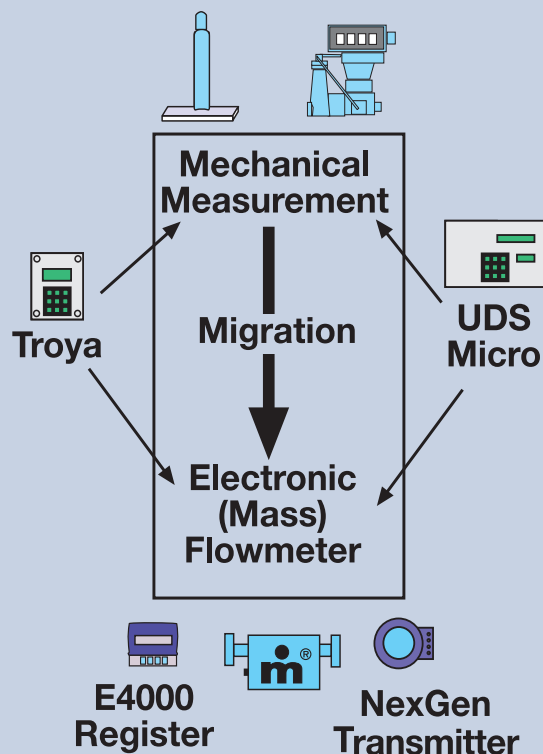
Your path to advanced metering technology.

On The Truck



Technology that complements the way you work—today and tomorrow.

In The Terminal



Neptune Mass Flow Custody Transfer

Electronic Measurement/ Electronic Registration

Here's leading edge technology for tank truck operations. Coriolis mass measurement offers additional accuracy that reduces unmeasured product. Reduced losses mean higher profits.

No moving parts are in contact with the fluid, and the measuring unit requires no maintenance. Reduced downtime means your trucks are on the road, making money more of the time.

- Improved accuracy over volumetric flowmeters
- Higher calibration stability compared to mechanical meters—reduced product losses
- Low maintenance—no moving parts
- Faster deliveries

Neptune Coriolis Mass Flowmeters are being used successfully in mobile applications.



ay You Work

Bulk Inventory Management Operations

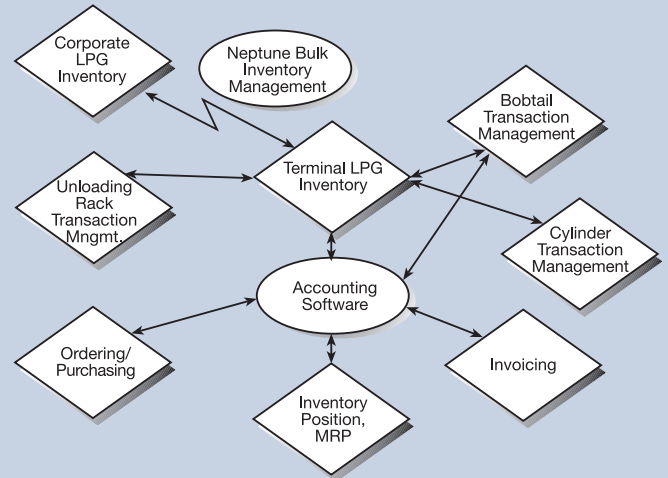
Precise Control, From Receiving Through Distribution

This tightly integrated system can optimize facility cash flow through timely ordering/purchasing, shorter billing cycles and faster inventory turnover. Managers can track status anytime, from anywhere through remote monitoring and control capabilities. Measurement of all flows guards against shrinkage. Faster loading operations improve plant productivity.

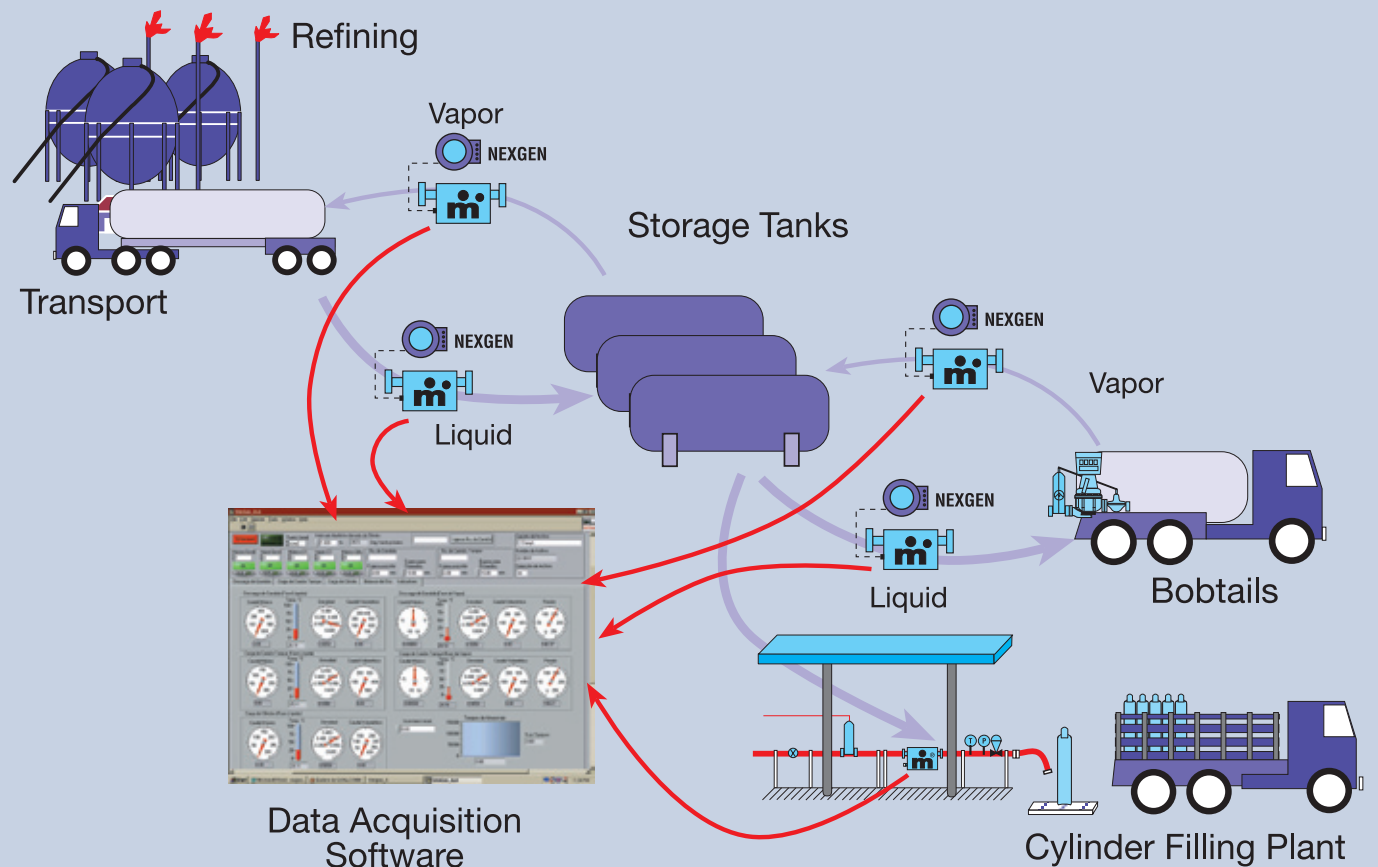
Neptune Coriolis mass flowmeters measure every liquid-phase flow and vapor return loop. Comprehensive data acquisition and interfacing provides data for processing with the aid of custom software.

- Coriolis mass measurement provides high accuracy regardless of temperature
- Measures mass flow, density, temperature and volume
- PC-based centralized monitoring and control
- Mass balances tracked, daily summaries compiled and stored
- Real-time LPG inventory and location
- Consultancy, design, installation and training

Comprehensive data acquisition and interfacing provides the information you need for improved operations.



Measurement of all flows in the terminal guards against shrinkage.



The R2000 Electronic Register offers an extra measure of fraud protection to custody transfer operations.



Coriolis mass flow-based transaction management brings a new standard of informational accuracy to the bobtail.



The Neptune Bulk Inventory Management System tracks all flows in and out of LPGas distribution facilities.



The E4000 Electronic Register offers the flexibility to integrate with present and future measurement technology, with a wide spectrum of informational interfacing.



The Troya II Cylinder Filling Control System improves security and accuracy in weigh scale container filling operations.



**Actaris...
the Experts in LPGas
Measurement Systems**



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