

R2000 Electronic Register

The New Wave in Transaction Security and Integrity

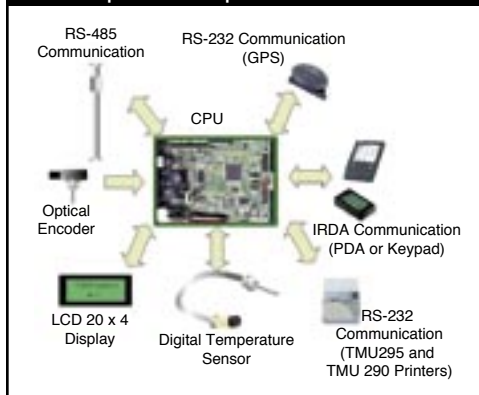


The Neptune® R2000 Electronic Register is a complete and accurate system for managing custody transfer of LPGs; it is a register, supervisor and printing system. The register is easy to install on Neptune flowmeters without requiring expensive truck modifications or meter adapters. When transaction security is your primary concern, the R2000 is designed to protect your profits.

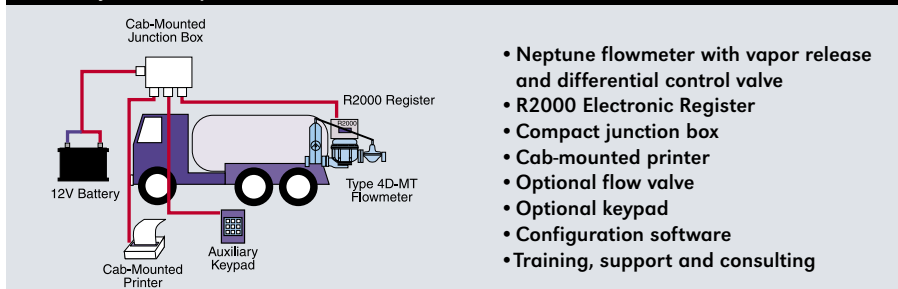
Features and benefits

- Up to 10 different prices
- Displays litres or gallons
- Stores last 800 events
- Delivery ticket design software
- Eight different alarms report breaches in security and protect against fraudulent operation
- Daily activity report
- Battery back-up (4 hr at full charge)
- Electronic temperature compensation
- Adaptable to varied market requirements, available in three languages
- Radio, internet or cellular modem communication capability (optional)
- GPS interface (optional)
- Internal customer database (optional)
- Solenoid control valve (optional)
- Meter K-factor setting capability

R2000 inputs and outputs.



R2000 system components.



Specifications

R2000 Electronic Register

PHYSICAL

Register Size	178 mm x 232 mm x 138 mm (7 in. x 9.125 in. x 5.5 in.)
Junction Box Size	130 mm x 95 mm x 54 mm (5.125 in. x 3.75 in. x 2.125 in.)
Weight	6 kg (13.2 lbs)
Operating Temperature	-20–70°C (-4–158°F)
Enclosure Rating	Intrinsically Safe

ELECTRICAL

Power Rating, Nominal	12 VDC, 0.2 A
Communications	RS-232 (DB9 connector)
On-Board Functions	Auto-recognition of Epson TM-295 and TM-U200 printers Internal real-time clock Selectable units (litres or gallons) Selectable precision (1 or 0.1 units) End of flow detection Auto ticket-printing at end of transaction Storage of 800 transactions

APPROVALS

Weights and Measures NIST Standard, pending
UL Class 1, Div. 2, Group D pending

Display/Report Screens

Startup

1. Model, software version

Summary

1. Initial volume, alarm status, delivery ticket number
2. Unit ID and serial no., temperature
3. Date and time
4. Total volume delivered, alarm status, software version

Delivery

1. Delivered volume in real time

End of Delivery

1. Delivered volume, alarm status for the delivery, delivery ticket number
2. Unit ID, serial no. and temperature
3. Date and time
4. Initial values for next delivery: initial volume, alarm status, delivery ticket number

Error

1. Command not recognized
2. RS-232 error

Configuration

1. Calibration factor and tax rate
2. Unit ID no., price per unit volume
3. Date and time
4. Password and delivery number

Storage/Reporting

Stored Events

800, first in, first out (delivery data, config. parameter modification, power interruptions, reboots, alarms, total volume delivered, number of deliveries)

Printed Reports

End of route
Specified date activity log report



**THE
RIGHT
ONE!**

