



**ROCHESTER
GAUGES, INC.**

**Magnetic Liquid-Level Gauges
For LP Gas Service**

ISO 9001:2000 REGISTERED

**7300
Series**

Application

Comprised of 3/4" male NPTF Junior™ gauges designed for use in DOT lift truck cylinders. Also suitable for use in certain recreational vehicle (RV) applications and as a replacement for 3/4" NPT rotary type gauges up to 45" [114 mm] in diameter.

General Information & Features

Gauges which accept snap-on Junior™ dials have 1 3/8" [35] hex wrenching flats. Gauges which accept screw-on Junior™ dials have 2" [51] hex wrenching flats.

All dials used on these gauges indicate with limited arc due to size constraints imposed on gauge components which must pass through a 3/4" NPT opening.

Models intended for RV use have the choice of direct-reading or TwinSite™ versions. Specify model 7341 for vertical RV cylinders and model 7344 for horizontal. All RV gauges are custom built, so relevant information will be solicited at the time of your order.



[METRIC]

**Magnetic Liquid-Level Gauges
For LP Gas Service**

Cylinder Type	Cylinder Capacity	Capacity Diameter	Gauge with Screw-On Dial	Gauge with Snap-On Dial	Support Length	Float Length
Universal	20 # [9 kg]	12" ID. [305]	7384-01005	7384-02004	7 1/8" [181]	5 1/4" [133]
	33 1/2 # [15 kg]		7384-01006	7384-02005	12 5/16" [313]	
	43 1/2 # [20 kg]		7384-01007	7384-02006	19 1/4" [489]	
Vertical	14 # [6, 4 kg]	9" ID. [229]	7381-01003	7381-02205	10 3/4" [273]	4" [102]
	20 # [9 kg]	12" ID. [305]	7381-01002	7381-02206	7 5/16" [186]	6 5/16" [163]
Horizontal	20 # [9 kg]		7384-01028	-	5" [127]	
	33 1/2 # [15 kg]					
	43 1/2 # [20 kg]					
	60 # [27 kg]					
Horizontal	60 # [27 kg]	14 1/2" ID. [368]	7384-01029	-	8 1/2" [216]	7 3/4" [197]
	100 # [45 kg]					

See reverse side for dimensional data, materials of construction, performance, and advice on how to order.

The Measure of Excellence

03/30/07

[METRIC]

General Specifications ***Temperature Range**

Standard range is -40°F to 158°F, -40C to 70C.

Shock

Designed for lift truck and portable cylinder service applications.

Vibration

Designed for lift truck and portable cylinder service applications.

Working Pressure

375 psig [25, 8 Bar].

System Voltage

24 volts maximum nominal system voltage on TwinSite™ versions.

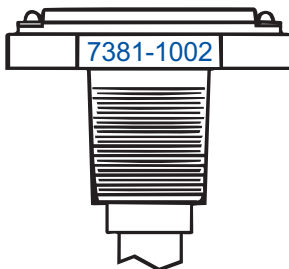
Approvals

UL listed for LP Gas service applications.

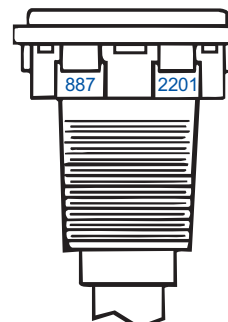
When ordering, specify:

1. For standard gauges, use the part number from the lift truck gauge selection chart.
2. For non-standard gauges, state the cylinder type (horizontal or vertical), capacity, diameter, height, mounting location, offset, and furnish tank drawings whenever possible.
3. Furnish riser or recess dimensions if applicable.
4. Furnish TwinSite™ sender ohm range (RV models only).

To order replacement gauge, simply furnish the information stamped on one of the heads, as shown in the example.



Typical gauge with screw-on type direct-reading dial.



Typical gauge with snap-on type direct-reading dial.

Materials of Construction ***Head**

Zinc die casting.

Centershaft Bearings, Gears & Dial Mounting Screws

Stainless steel.

Support, Centershaft, & Float Rod

Tempered aluminum.

Float Bulb

Nitrile rubber or one-piece aluminum.

Counterweight

Lead.

Magnet

Alnico.

Direct Reading Dials

Ultrasonically welded, hermetically sealed polycarbonate.

Gear Housing

Acetal.

* Materials and specifications are subject to change without notice.
Pressure ratings subject to change due to temperature and other environmental considerations.