



**ROCHESTER  
GAUGES, INC.**

ISO 9001:2008 CERTIFIED

## ***Magnetic Liquid-Level Gauges For NH<sub>3</sub> With Chemical Additives***

**A6400**

**Magnetic Liquid-Level Gauges  
For NH<sub>3</sub> With Chemical Additives**

### ***Application***

The A6400 magnetic liquid-level gauge is especially designed for use in NH<sub>3</sub> with chemical additives. Gauges are available for all tanks and any mounting position.

### ***General Information & Features***

These gauges are built to the highest standards of manufacturing and thoroughly field tested. The magnetic construction permits the complete sealing-off of the inside liquid from the outside gauge head and dial. This eliminates many hazards and permits dial replacement quickly without loss of liquid by simply removing two screws. All dial capsules are easy-to-read, hermetically sealed, vacuum tested and eliminate fogging. Dial pointers are silicone dampened. These gauges are UL listed for NH<sub>3</sub> or LPG service.

Rochester's rugged gear drive is standard with shrouded stainless steel beveled gears especially designed to shed and work out any loose particles which might affect action. From the hermetically-sealed dial to the one-piece head, body and fusion welded float, each gauge is especially suitable for additive application and will provide long trouble-free service in even the most severe use. Mounting may be accomplished in all desired positions where circumstances permit.

[METRIC]



05/01/09

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

*The Measure of Excellence*

**A6400**

[METRIC]

# Magnetic Liquid-Level Gauges For NH<sub>3</sub> With Chemical Additives

## General Specifications\*

### Temperature Range

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

### Accuracy

Dependent on proper sizing of gauge and tank configuration. When equipped with Junior dial, overall accuracy is ±5%, Senior dial is ±3%.

### Shock & Vibration

Suitable for mobile service applications

### Working Pressure

450 psig [31 Bar]

### UL Listing

UL listed for NH<sub>3</sub> service

## Materials of Construction

### Counterbalance & Support Tube

Stainless steel.

### Gasket

Neoprene.

### Mounting Screws

Stainless steel.

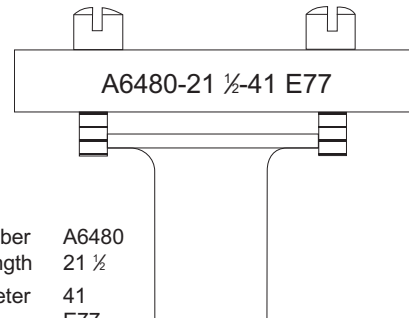
### All Other Components

Stainless steel, except for nickel plated alnico magnet.

## When Ordering, Specify:

1. Gauge head size, Senior.
2. Tank diameter as shown on nameplate.
3. Mounting location (top, side, end or angle).
4. If gauge is angle mounted, state degree of angle above or below the horizontal centerline.
5. If gauge is end mounted, state the shape of the tank head, hemispherical or semi-ellipsoidal.
6. The "H" dimension (distance in inches from the surface of the tank to the gasket surface on the riser).

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



Model number	A6480
Support length	21 1/2
Tank diameter	41
Mfg. date	E77

\* Specifications subject to change without notice.  
Ratings subject to change due to temperature and other environmental considerations.

05/01/09