

Glass-Trac™ (FORMERLY DANIEL LEVEL GAGE & VALVE)

ARMORED REFLEX GAGES:

Glass-Trac (formerly Daniel Level Gage & Valve) Reflex Gages are supplied with specially molded glass having prisms on the process side. The purpose of the prisms are to reflect light in the vapor phase of the process. Where the liquid fills the prisms, the display will be nearly black, regardless of the actual color of the liquid.

This high contrast makes observation of the liquid/vapor interface very clear, even with clear liquids, and visible from a distance. Reflex Gages are made in:

- Three Pressure Series (Max. 4000 PSIG @ 100°F)
- Tapped for ½" or ¾" NPT Connection
- Materials are Available to Meet your Specific Process Conditions
- Standard to Fully Engineered Designs

ARMORED TRANSPARENT GAGES:

Glass-Trac Transparent Gages use clear, flat glass on both sides of the chamber. Both the color and the interface of liquids can be viewed. Back lighting gage illuminators are available for use with transparent gages to provide enhanced viewing of liquid levels in dimly lit areas. Transparent Gages are made in:

- Three Pressure Series (Max. 3000 PSIG @ 100°F)
- Tapped for ½" or ¾" NPT Connection
- Materials are Available to Meet your Specific Process Conditions
- Standard to Fully Engineered Designs

TUBULAR GAGE GLASS ASSEMBLIES:

Glass-Trac Tubular Glass Gages are available in any length desired and can be fitted with tubular style gage valves. These gages provide 360° of visibility of the liquid level through strong, clear glass or red line. Guard rods and plastic tubular protectors are available for protection.

SEE-LEVEL LED ILLUMINATOR:

Illuminator for Transparent Level Gages Certified For Class 1, Division 1, Group B, C, & D Hazardous Locations

- Long Lamp Life, Low Electrical Consumption
- Brilliant Green LED Illumination for Transparent Level Gages
- Easy Secure Mounting
- PCB Boards Tropicalized (Conformal Coated)
- NEMA 4X & 8 Power Supply Enclosure
- Watertight, Weather Proof, and Corrosion Resistant
- Durable & Rugged By Design

Steam-Trac™ (MEETS ASME SECTION 1)

ST-350 (up to 350 PSI):

Steam-Trac ST-350 is designed specifically for steam service to 350 PSI. The reflex borosilicate glass has prisms molded into the process side which will display black for water and white for steam. All connections and materials fully comply with ASME requirements. The gage may be used as a Direct Reading Sight Glass as required by ASME Section I, PG.60.

- Fully ASME compliant
- Multiple sections, continuous one piece chamber
- Spring washers for consistent torque
- Custom built per specifications
- Nickel plated bolts, nuts, and washers
- High temperature coating
- Recessed gasket face in chamber and cover

ST-450, ST-1000 & ST-1600 (up to 1600 PSI):

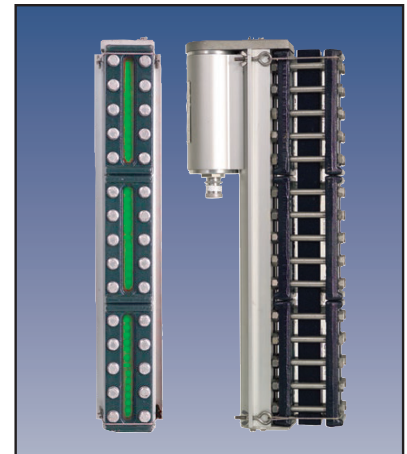
Steam-Trac ST-450, ST-1000, & ST-1600 steam gages are ruggedly built to set the industry standard for reliability in the difficult mid-pressure range from 450 to 1600 PSI working steam pressure. The gage may be used as a Direct Reading Sight Glass as required by ASME Section I, PG.60.

- Fully ASME compliant
- Multiple sections with minimum 1" overlap to ensure continuous visibility
- Spring washers for constant torque
- Recessed gasket face in chamber and cover
- Custom built per specifications
- Nickel plated bolts, nuts, and washers
- High temperature coating
- See-Level Illuminator with Amber lighting for easy viewing of levels of steam applications

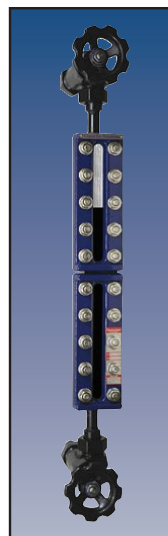


Armored Reflex
Liquid Level
Gage

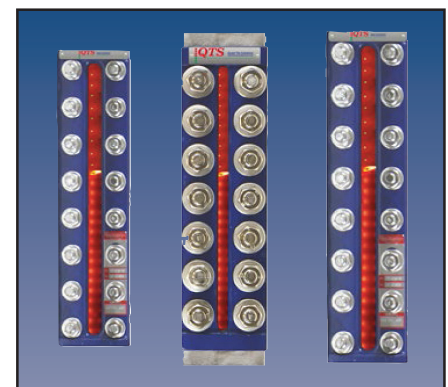
Armored
Transparent Liquid
Level Gage



See-Level LED Illuminator



ST-350 with
Valves



ST-450, ST-1000 & ST-1600 with
SL1-A Illuminators

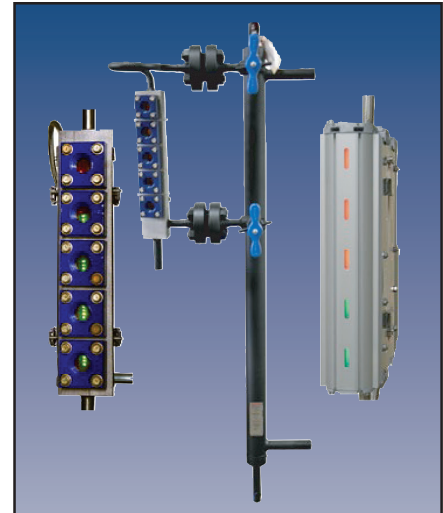
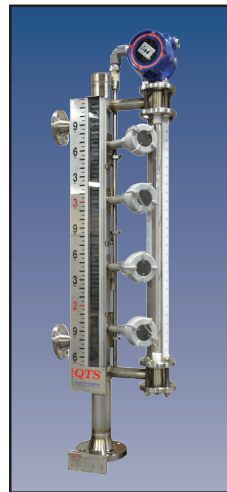
Steam-Trac™ (MEETS ASME SECTION 1) continued...

ST-3000A (up to 3000 PSI):

The Steam-Trac STB-3000A Bi-Color Ported Gage must be used with a red/green filter illuminator. The gage chamber is constructed with opposing ports at an angle so that red light will pass unimpeded through the gage in the steam phase. When water is present, refraction will only allow green light to pass through, resulting in a clear visual indication of water level. The gage may be used as a Direct Reading Sight Glass as required by ASME Section I, PG.60.

The STBI-3000A Illuminator matches long lasting LED lamps to a rugged fabricated enclosure to set an unsurpassed standard of reliability for bicolor water gage illumination

- Fully ASME compliant
- Large, easy to read ports
- All lengths with continuous chamber
- Innovative Illuminator design
- Nickel plated fasteners
- High temperature coating



STB-3000A

STBI-3000A

Magne-Trac™ (A LEADER IN LIQUID LEVEL MANAGEMENT)

ENGINEERED SOLUTIONS

With collaborative efforts of our dynamic outside sales team and network of domestic and international product representatives, we provide quick insight and responsiveness that customers warrant. In addition, our knowledgeable inside sales team will work alongside production staff to deliver flexible lead times, a variety of options for customized bids, and explore all possible solutions for each individual project.

FULL-RANGE CAPABILITIES

Engineering operations are an essential aspect of developing, adapting, and refining any product line. We offer complete engineering services to all of our customers. From the early development stages of projects, our accomplished engineers will review applications to find efficient solutions. Our approval drawings provide real options for customers' application in regards to applicable code and standards. We recognize that focusing on the engineering of each unit benefits in the assimilation of our products for seamless operations.

WORLD CLASS MANUFACTURING FACILITY

Our manufacturing is split into three distinct skill centers: machining, fabrication, and assembly. All shop work is carefully documented and inspected throughout the manufacturing process. Our production planners follow assigned orders, and communicate job specific requirements to the shop floor. We maintain focus on quality, speed, exceeding customer expectations.

CNC machining and laser engraving capabilities

TOP NOTCH WELDING FACILITY

QUALIFICATIONS

Section IX Weld Procedures (WPS)

- Welder Certification (Level II Weld Inspector on Staff)
- Standard Welds GTAW
- PMI (Positive Material Identification)
- NB-415 Accreditation of R Repair Organizations (R Stamp)
- ASME "S" & "R" Stamp and ANSI / ASME B 31.1, B31.3

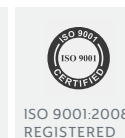
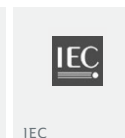
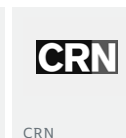
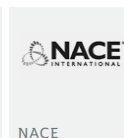
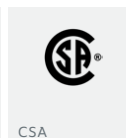
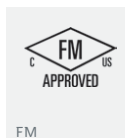
Procedure Qualifications (PQR)

- Conforms with PED (Pressure Equipment Directive)
- MTR (Material Test Reports)
- Pressure Piping Stamp (PP)
- CNC Precision Manufacturing
- Over 35 Weld Procedures for numerous material grades

TESTING PROCEDURES

- PWHT (Post Weld Heat Treat)
- Radiography
- Magnetic Particle Testing
- Dye-Penetration (performed in-house)
- Ultrasonic
- Destructive Testing

APPROVALS



APPLICATIONS OPPORTUNITIES

Your Solution for Liquid Level Measurement

	CHEMICAL & PETROCHEMICAL
	METALS & MINERALS
	REFINING
	OIL & GAS
	POWER GENERATION
	AEROSPACE
	FOOD PROCESSING
	PULP & PAPER