

The background of the advertisement is a night-time photograph of an industrial facility, possibly a refinery or chemical plant. The scene is filled with complex piping, scaffolding, and various pieces of equipment, all illuminated by a mix of blue and yellow lights. In the foreground, several level measurement products are displayed. On the left, there are two tall, vertical stainless steel level gauges with digital readouts at the top. In the center, there is a similar gauge with a yellow liquid level visible in the tube. To the right of the center, there is a smaller, black and silver level gauge with a yellow liquid level. Further right, there is a vertical panel with a series of colored lights (red, green, yellow) and a black cable. The overall composition is a collage of these products against the industrial backdrop.

QTS

Quest-Tec Solutions
The New Standard of Level

**LEVEL MEASUREMENT
PRODUCTS**

MAGNE-TRAC

MAGNETIC LEVEL INDICATORS & TRANSMITTERS

The Magne-Trac product line provides one of the safest and most economical ways to meet your level measurement requirements. In applications for extreme pressure, temperature, vibration, and highly corrosive or hazardous material, Magne-Trac Gages will perform where others fail. Features include lower installation costs, easy to read liquid level indication, and low maintenance.

Magne-Trac Indicators

- Innovative design maximizes magnetic field
- Wide flags for enhanced indicator view
- Impact-resistant polycarbonate indicator window
- Corrosion-resistant moving parts
- Modular design with many options
- Fabricated to ASME 31.1/31.3 standards
- Non-mercury switches



*Magne-Trac
with MTLT-5000 transmitter*

Transmitters

MTLT-5000 Transmitter

- Mounts external to the Magne-Trac
- Requires no maintenance or recalibration
- Multidrop HART Communications
- Continuous level measurement
- FM approved Explosion Proof/IS
- NEMA 4X/7 enclosure
- RFI/EMI protection
- Adjustable output damping

Guided Wave Smart Transmitter

- Measuring range up to 114 ft.
- Temperature from -328°F to +752°F
- Pressure up to 5800 psi
- Rod, coax and rope probes available
- Hart, Profibus PA, and Foundation Fieldbus interfaces available

Flash-Trac Transmitter

- Patent pending
- Bright flashing LEDs give clear indication of level
- Loop powered - no additional power required for indication
- 4-20 mA transmitter output
- Non-invasive - clamps parallel to chamber
- Intrinsically safe design
- No moving parts gives high reliability
- Operating temperature -40°F to 200°F



*Magne-Trac level gage
with guided wave smart transmitter*



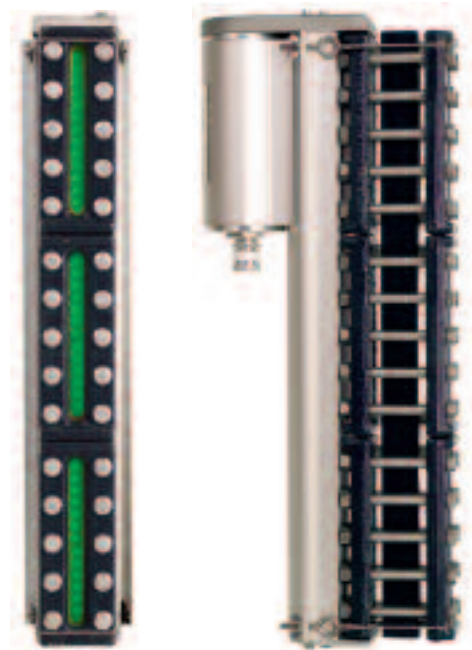
Flash-Trac Transmitter

GLASS-TRAC Liquid Level GAGES

See-Level Illuminator

See-Level Illuminator

- Explosion-proof rated
- Brilliant Green LED illumination for transparent level gages
- Easy mounting
- Conformal coated LED lighting
- NEMA 4X & 8 power supply enclosure
- Watertight, weatherproof, and corrosion resistant
- Durable and rugged by design



*Armored Transparent
Liquid Level Gage*



*Armored Reflex
Liquid Level Gage*

Armored Reflex Gages

Glass-Trac Reflex Gages use prism glass to provide an excellent indication of the liquid level. All liquids appear black in high contrast to the mirror-like surface above. This clean line of separation can be sighted from many yards away. Reflex Gages are made in:

- Three pressures series (maximum 4000 psig @ 100°F)
- Tapped for 1/2" or 3/4" NPT connections
- Different materials are available to meet your specific process conditions

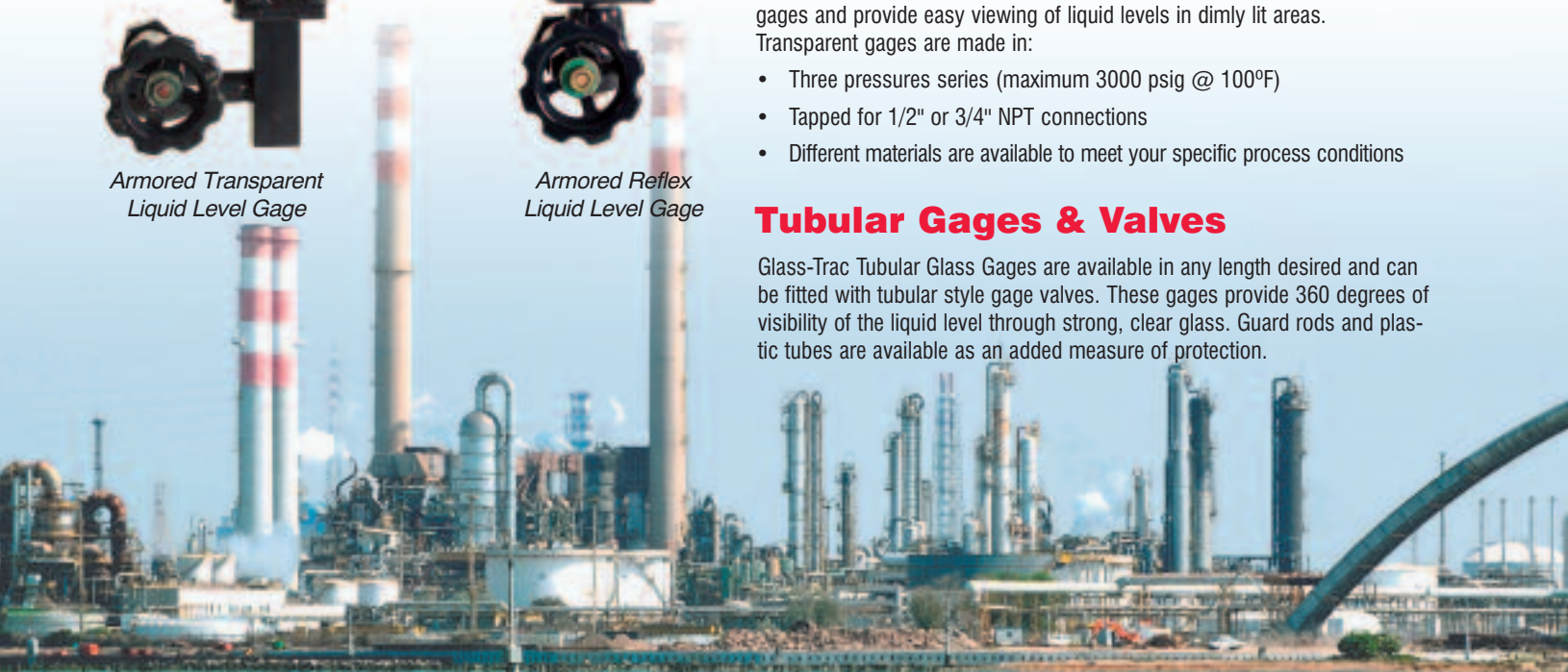
Armored Transparent Gages

Glass-Trac Transparent Gages use clear, see-through glass on both sides of the chamber so that both the color and the interface of liquids can be viewed. Electric lighted gage illuminators are available for use on transparent gages and provide easy viewing of liquid levels in dimly lit areas. Transparent gages are made in:

- Three pressures series (maximum 3000 psig @ 100°F)
- Tapped for 1/2" or 3/4" NPT connections
- Different materials are available to meet your specific process conditions

Tubular Gages & Valves

Glass-Trac Tubular Glass Gages are available in any length desired and can be fitted with tubular style gage valves. These gages provide 360 degrees of visibility of the liquid level through strong, clear glass. Guard rods and plastic tubes are available as an added measure of protection.



STEAM-TRAC DIRECT READING WATER GAGES

Standard features of Steam-Trac gages include cadmium plated bolting, high temperature paint, spring washers, high quality mica shields, and stainless steel reinforced grafoil gaskets. Additional options make the Steam-Trac ideal for your full range of steam level gage requirements.

ST-1000 to 1000 PSI

- 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
- Yellow Cadmium plated bolts, nuts and washers
- High temperature coating
- See-Level Illuminator with *amber lighting* available for easy viewing of levels in steam applications



ST-1000
with SLI-A Illuminator

The Steam-Trac ST-1000 is designed for steam service to 1000 PSI. Built to withstand the most demanding environments, the rugged ST-1000 can be configured to replace less durable and more expensive competitive models, or for specific construction projects.

To reduce expensive maintenance cycles, the ST-1000 chamber is machined out of plate instead of square bar to minimize lateral deflection of the gage chamber, which is the primary cause of gasket or mica failure in steam gages.

Consistent load on the gage cover is ensured with the liberal use of spring washers.

ST-1600 to 1600 PSI

- Fully ASME compliant
- Multiple sections with minimum 1" overlap
- Spring washers for constant torque
- Cadmium plated bolts, nuts and washers
- High temperature coating
- See-Level Illuminator with *amber lighting* available for easy viewing of levels in steam applications



ST-1600
with SLI-A Illuminator

Steam-Trac ST-1600 steam gages are ruggedly built to set the industry standard for reliability in the difficult mid-pressure range from 1000 to 1600 PSI Working Steam Pressure.

All materials and construction standards are within strict compliance of ASME Section 1 code requirements.

The Steam-Trac ST-1600 can be configured to replace less durable, more expensive competitive models, or for specific construction projects. Visible range must be achieved by using multiple sections with a 1" minimum overlap to ensure continuous visibility, as required by ASME Section 1, PG-60.

STB-3000 to 3000 PSI

- Fully ASME compliant
- Large, easy to read ports
- All lengths with continuous chamber
- Innovative illuminator design
- Cadmium plated bolts, nuts and washers
- High temperature coating



STB-3000



STBI-3000

The Steam-Trac STB-3000 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 STBI-3000 Illuminator matches long lasting LED lamps to a rugged fabricated enclosure to set an unsurpassed standard of reliability for bi-color water gage illumination.

Steam-Trac Modules

- High quality and competitively priced repair kits and modules
- Tempered aluminosilicate glass, HQ Ruby Mica and Spiral Wound Grafoil Gaskets supplied as standard
- Quick and easy replacement



LEVEL-TRAC REMOTE LEVEL INDICATOR SYSTEMS



LT-501 Column
with 801 Probe

Probe Manifolds / Water Columns

The Quest-Tec Solutions Level-Trac product line includes a complete and versatile line of probe manifolds, control units and remote displays. Control units are available based on three different core technologies. Our depth of experience allows us to custom tailor a system to replace and improve field installations, regardless of the brand, or to maximize value on new installations. The Quest-Tec manufacturing facility is state of art and is committed to supplying custom fabricated product to meet *your* schedule!



For Service to 1000 PSI WSP

- LT-500 Manifold/Type 800 Probe
- Extruded A-105 Body
- TFE Insulated Probe
- Robust Spiral Wound Gasket



For Service to 2000 PSI WSP

- LT-501 Manifold/Type 801 Probe
- Extruded A-105 Body
- Zirconia Insulated, Brazed Probe
- Robust Spiral Wound Gasket



For Service to 3000 PSI WSP

- LT-500 Manifold/Type 802 Probe
- Seamless A-106B Body
- Zirconia Insulated, Brazed Probe
- Metal-to-metal Ferrule Seat



Model LT-120

Control / Display Units

Level-Trac Control Units are available utilizing three core technologies:

- LT-100 Models use plug-in low voltage relays
- LT-201, LT-202 and LT-300 models use solid state circuitry
- LT-202MP models are microprocessor based

All remote displays use bi-color LEDs for maximum life span and minimal power consumption. Most units ship out of stock and are pre-programmed per customer requirements.



Model LT-202

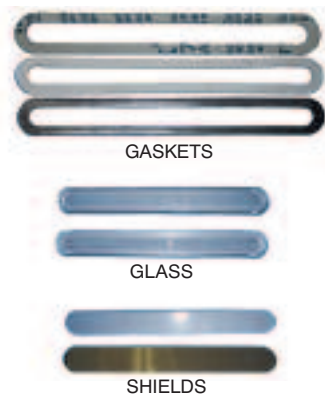
After Market Probes

Regardless of original equipment manufacturer, Quest-Tec Solutions can supply replacement probes for nearly any system. All probes manufactured and supplied by Quest-Tec meet or exceed the original parts and are warranted for complete form, fit, and function.



OEM REPLACEMENT PARTS

Glass, Gaskets and Shields



- Completely interchangeable with competitive manufacturers Industry standard glass sizes 1 - 9
- Tempered borosilicate glass as standard
- Tempered Aluminosilicate glass available for higher temperature
- Standard gasket is Garlock IFG-5500
- High temp gasket is stainless steel reinforced Grafoil Grade GHR
- HQ Mica shields – (.009 to .012)
- All other gasket and shield materials are available in standard gage glass sizes.
- Any/all level gage components are available. Please consult factory.

QUEST-TEC SOLUTIONS HEADQUARTERS

Forty years of product knowledge brings you the best the market has to offer!

The development and engineering of the liquid level gage and valve product lines began more than forty years ago. These products have been consistently refined and improved to remain one of the industry leaders in liquid level measurement. One of the leading liquid measurement companies, Daniel Measurement and Control, directed this product development and engineering.

The Quest-Tec six acre site includes a state of the art 45,000 square foot manufacturing facility utilizing all CNC machinery to produce safe products of the highest quality.

In addition to the existing Daniel Liquid Level Gage and Valve Line, Quest-Tec Solutions brings you these additional product lines with the same high standards:

- **GLASS-TRAC** liquid level gages and valves
- **STEAM-TRAC** steam and water gages
- **LEVEL-TRAC** steam and water level indicators and alarms
- **MAGNE-TRAC** magnetic gages



Quest-Tec Solutions is proud to announce its ISO-9001:2000 certification by The ANSI-ASQ National Accreditation Board. This certification is a testament to the same high quality standards in which our customers have always benefited. As a leader in liquid level measurement innovation, we will continue to offer the quality and performance customers expect.



ISO 9001: 2000

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