



"This manual indicates that Instrava can supply sight glass gauges: reflex, transparent, tubular, bi-color tailored to customer requirements. (The image shown is for product type reference only.)"

Contact us :

web : instrava.com Whatsapp/wechat : +86 13308174100

Sight Glass Gauges Series

Suitable Applications

1. High-Pressure Boiler Systems: Mandatory direct-reading safety validation and level monitoring for steam drums in power plants and industrial boilers.
2. Oil & Gas / Petrochemical Separation: Liquid level and interface observation in three-phase separators, oil-water separators, LPG, and condensate tanks.
3. Corrosive & Toxic Media: Reactors and storage tanks containing sulfuric acid, nitric acid, HF acid, or liquid ammonia (equipped with mica shields or PTFE linings).
4. Cryogenic Storage: LNG, liquid nitrogen, and liquid argon storage tanks (equipped with non-frost acrylic extensions).
5. Auxiliary & Lubrication Systems: Local level inspection for compressor lube oil tanks, gearboxes, atmospheric water tanks, and chemical dosing skids.

Unsuitable Applications

1. Crystallizing, Viscous, or Solidifying Media: Media easily coats or clogs the glass chamber, obscuring visibility and making cleaning extremely difficult.
2. Slurries & Abrasive Media: Suspended solid particles erode and scratch the glass inner surface, impairing visibility and compromising structural integrity.
3. Severe Thermal Shock Conditions: Rapid and extreme temperature fluctuations can induce thermal stress, causing the glass to fracture or shatter.
4. Automated & Remote Control Requirements: Purely mechanical direct-reading devices lack electronic signal outputs (4–20mA, HART, Modbus) for DCS/PLC integration.
5. Unmanned Ultra-Hazardous / High-Toxicity Zones: Risk of glass breakage due to external mechanical impact poses severe leakage hazards for highly lethal gases (e.g., phosgene, chlorine).



About Us

Trusted. Reliable. In China.

At Instrava, we adopt a neutral and impartial approach to help you select the most suitable products.

We rigorously evaluate and select manufacturers in China to ensure that the product solutions we offer are reliable and trustworthy—after all, our livelihood depends on it.

We aim to be a dependable international partner and to build genuine, mutual trust. Helping you solve problems is how we sustain our own business.

As a Chinese company, we understand China's vast market landscape.

And you—my partner—need only understand us.

Chengdu Jushon New Material Co., Ltd.

Chengdu China

Email : info@instrava.com

Web : instrava.com

Whatsapp/wechat : +86 13308174100

Our Product Portfolio:

Level Meters, Flowmeters, Transmitters, Level Switches, Edge Gateways, APL Switches, Liquid Analytical Instruments, Optical Analytical Instruments, Gas Detectors, Energy Monitoring & Control Systems, Power Transformers, Industrial Machinery, etc.

Delivering premium industrial products and bringing China's highly cost-effective solutions to the global market.

Whether you are an EPC contractor, OEM equipment manufacturer, industrial distributor, or trader—or a procurement manager in demanding sectors like Oil & Gas, Petrochemicals, Chemical & Pharma, Water Treatment, or Food & Beverage—we stand firmly in your shoes. We navigate the complex Chinese supply chain on your behalf, ensuring you procure the most suitable measurement instruments and obtain the ideal solutions for your exact needs.



Instrava:
A Trusted Supplier Serving the World.