



"This manual indicates that Instrava can supply capacitive level transmitters tailored to customer requirements. (The image shown is for product type reference only.)"

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Capacitive Level Gauge Series

Applicable Scenarios

1. Liquid Level Measurement (Continuous & Point Switch)

Oils & Solvents: Crude oil, diesel, gasoline, lubricants, methanol, ethanol, benzene.

Water & Chemicals: Tap water, wastewater, acids (sulfuric, hydrochloric), alkalis (caustic soda).

Extreme Conditions: Boiler steam drums, reactors, LNG/LPG tanks, sanitary food/pharma tanks.

2. Solid Granules & Powders (Primarily for Level Switches)

Powders & Granules: Cement, fly ash, sand, plastic pellets, grain, flour.

II. Non-Applicable Scenarios

Changing Media: Tanks with frequently switched chemical products or varying concentrations.

Severe Coating: High-viscosity asphalt, heavy tar, industrial glues, thick syrups.

Turbulent Surfaces: Heavy foam, boiling liquids, or violent turbulence.

Low-Capacitance/Insulated: Ultra-lightweight foam, or plastic tanks lacking a ground probe.

Classification of Capacitive Level Meters (This list is for reference only; please contact us for customized selection based on your specific requirements.)

Media Type	Core Characteristics	Recommended Probe Structure	Typical Applications
Insulating Liquids	Low conductivity and stable dielectric constant	Bare stainless steel rod or cable probe	Crude Oil, Diesel, Gasoline, Lubricating Oil, Benzene, Transformer Oil
Conductive Liquids	Electrically conductive or high dielectric constant	Fully insulated PTFE/PFA coated probe	Water, Wastewater, Acids, Alkalis, Salt Solutions, Milk, Juice
Bulk Solids	Powders and granular materials with abrasion or impact	Heavy-duty wear-resistant rod or cable probe	Cement, Fly Ash, Sand, Grain, Flour, Plastic Pellets



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.

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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.



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