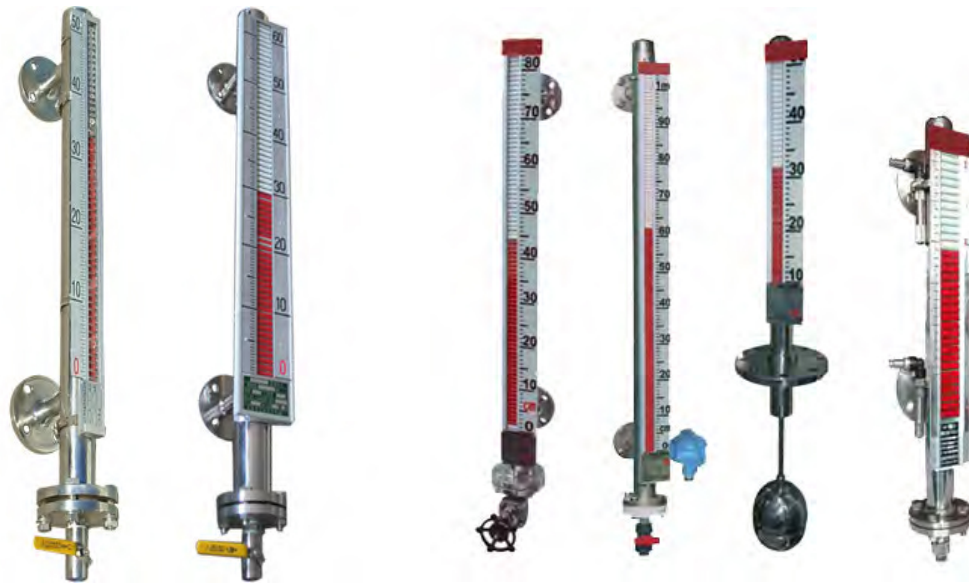


UHZ Magnetic Float Type Level Gauge



➤ Product Introduction:

UHZ Series **Magnetic Float Level Meter**, our company develops and produces according to the standard HG/T21584-95 promulgated by the former Ministry of Chemical Industry, also absorbs and improves the production technology. It can be used for medium level measurement of various towers, tanks, tanks, spherical vessels and boilers. The whole process of measurement has no blind spots, the display is eye-catching, and the reading is direct. Especially the on-site indication part, because it is not in direct contact with the liquid medium, it can show its superiority to high temperature, high pressure, high viscosity, toxic, harmful, and highly corrosive media. Therefore, it has higher reliability, safety and practicability than traditional glass tube level gauges.

The distinguishing feature of this magnetic level gauge is that the liquid medium is completely isolated from the indicator, so it is very safe and durable under any circumstances, and various types of level gauges are equipped with liquid level alarms and control switches to achieve liquid level or boundary level. The upper and lower limit offside alarm control or interlock; equipped with a reed chipset liquid level transmitter, the liquid level and boundary level signals can be converted into two-wire 4-20mA DC standard signals, which are transmitted to the computer, regulator, and liquid level. The digital display can realize remote indication, detection, recording and control. This series of level gauges are widely used for liquid level measurement and control in various production processes such as petroleum, chemical industry, metallurgy, food, and electric power.

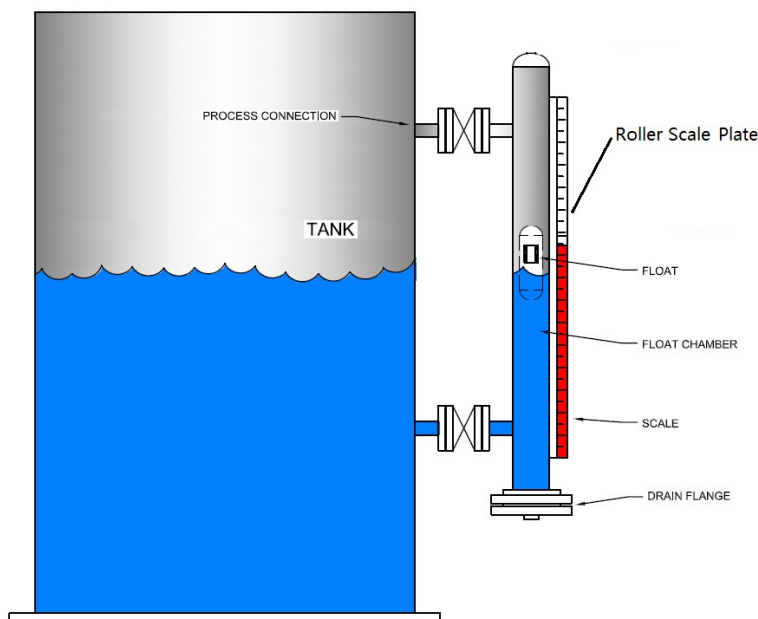
➤ Main Features

- ◆ Strong sealing and not easy to penetrate, adopt special interface treatment, which is more suitable for high penetration occasions such as liquid ammonia
- ◆ measure liquid level, interface level
- ◆ wide measuring range, unrestricted by tank height others
- ◆ indicating mechanism is completely isolated with the measured medium, high reliability, security
- ◆ Simple structure, easy installation, low maintenance costs
- ◆ Corrosion-resistant, explosion-proof, intuitive readings

➤ Structure & Principle

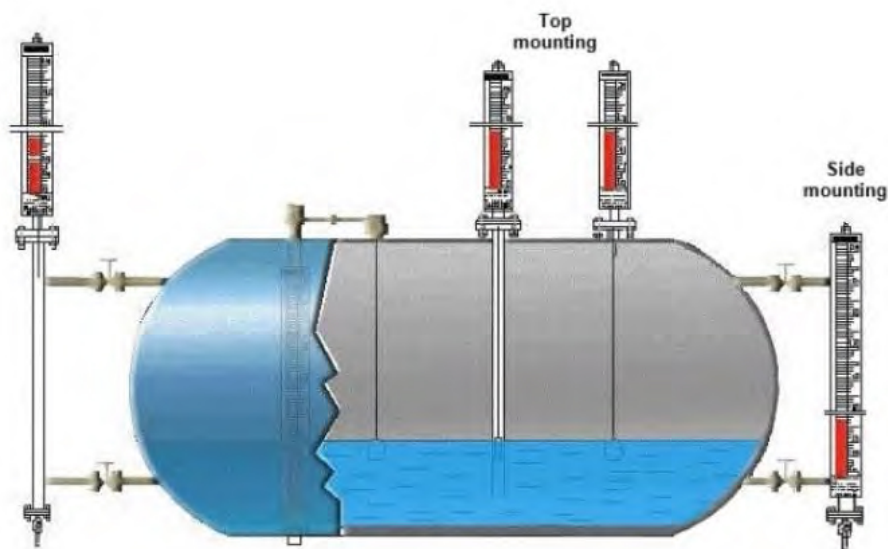
The panel roller outside the main body of UHZ magnetic liquid level meter is subjected to the action of the float inside the main body (with directional magnetic source, developed according to different media and pressures) to promote the flip plate to display red and white colors, and indicate different liquid level heights with the float movement.

An eye-catching scale is provided on the left side of the indicator to make the indication of liquid level more clear.



Technical Specifications :

- Measuring Range: 300 ~ 13000mm
- Accuracy: ± 10 mm
- Working Pressure: 1.0/1.6/2.5/4.0/6.0/16Mpa
- Medium Temperature: $-20 \sim + 250^{\circ}\text{C}$ (special Requirements of up to 450°C)
- Medium Viscosity: $\leq 0.5\text{Pa}\cdot\text{s}$, the viscosity of the medium or low temperature, easy to crystallize the media, according to user requirements jacketed type level gauge
- Medium Density $\geq 0.45\text{g} / \text{cm}^3$
- Medium Density Difference $\geq 0.15\text{g} / \text{cm}^3$ (measuring interface level)
- Relative Humidity: 10% to 90%
- Environmental Pressure: 86KPa ~ 106KPa
- Environmental Vibration: Frequency $\leq 25\text{HZ}$, amplitude ≤ 0.05 mm
- Load Resistance: 0 ~ 750 Ω
- Wetted materials: stainless steel 304, 316L stainless steel, PVC, PTFE, titanium, etc.
- Process connection: flange connection.
- Power Supply: DC24V or AC220V
- Side-mounted: the factory default DN20, 304 stainless steel flanges;
- Top-mounted: The factory default DN100, carbon steel flanges, flange standards HG20592 ~ 20635-97 standard Ministry of Chemical Industry in 1998 issued the latest, other flange standards (such as GB, JB / T, HGJ, ANSI, DIN and other standards) should be specified when ordering.





UHZ Magnetic Float Type Level Gauge- WP/ZP-UHZ Series



Application Photos

