

K-TEK's KM26 Magnetic Level Gauge Adds Industry's Widest Assortment of Oversized Chamber Options to Handle Flashing and Dirty Fluids

Oversized Chambers Prevent Float Damage and Erratic Measurements In the Presence of Vapors or Dirty Fluids

K-TEK now offers a new array of **Oversized Chambers** for the **KM26 Magnetic Level Gauge**. The **KM26** is a rugged, liquid level gauge designed for corrosive, flammable, and toxic environments. The magnetically coupled indicator avoids direct contact with liquids, thereby eliminating problems with coating, plating, fouling, fugitive emissions, hazardous material leaks, and dirty or colorless fluids, common with standard sight glasses. The new **Oversized Chamber** options provide extra clearance between the float and chamber wall. Guide rods are placed inside the chamber to keep the float's magnet near the

indicator while providing a larger annulus. This allows vapor to pass when flashing occurs, alleviating the potential for erratic measurements and damaged floats. The **Oversized Chambers** can also be used for measuring very dirty fluids, where small, suspended solids can clog the chamber and potentially cause complications.

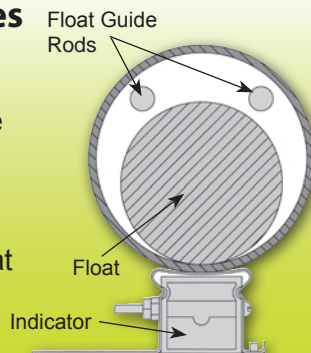


The **KM26 Magnetic Level Gauge** features the largest range of Oversized Chamber options in the industry. The widest array of chamber materials includes nearly 30 types, from Stainless Steel to Incoloy to Titanium. The **KM26** can be constructed in pipe schedules from 10 to 160, with pipe diameter sizes from 2 inches to 12 inches. Gauge chambers can handle extreme temperatures, such as boiler and heater applications that run as high as 1000°F (538°C) and cryogenic applications that run as low as -320°F (-195°C). The gauges can also handle extreme pressures, from vacuum to 4500 psig.

Unlike conventional flat glass gauges, transmitters and switches can be used with the **KM26 Oversized Chambers**, *(continued on page 2)*

Oversize Chamber Uses

- Flashing Services
- Larger annulus between float and chamber inside diameter
- Use in fluids at or near their vapor pressure to allow vapors to pass float
- Use in fluids with small suspended particles



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including the company's AccuTrak AT200 Magnetostrictive Level Transmitter and the MS41 Hermetically Sealed, Magnetically Actuated DPDT Electric Switch.

"With over 100,000 installations worldwide, the **KM26 Magnetic Level Gauge** has seen just about every environment there is - toxic, corrosive, flammable, high pressure," stated Kevin Hambrice, Director of Marketing and Customer Service. "To meet the needs of these challenging environments, the **KM26** provides the largest number of choices in the industry, the most configurations, the most material types, the most schedule options, and the most temperature and pressure options. The **oversized chamber** means no crushed floats or measurement problems, whether there are fluids flashing to vapor, like ammonia, LPG, or propane, or particularly dirty fluids, like asphaltines or petroleum-based oils with paraffin."

Widest Array of Material Types

The **KM26 Magnetic Level Gauges** provide the largest range of chamber materials, allowing them to meet the challenges of a broad array of applications. Materials include most grades of Stainless Steel -- types 321, 304, 304L, 316/316L, 317/317L, and 904L; Hastelloy C-276 and B-3; Titanium; Polypropylene; KYNAR; PVC; CPVC; Epoxy Resin Fiberglass; Vinyl Ester Fiberglass; Teflon "S" Coated 304/304L, 316, and 316L Stainless Steel; Halar Coated 304 and 316 Stainless Steel; Tefzel Coated 304 and 316 Stainless Steel; Alloy 20; Incoloy 600, 625, 800, and 825; and Zirconium 702.

Pricing & Delivery

K-TEK's **KM26 Magnetic Level Gauges with Oversized Chambers** are available for immediate shipment. Prices start at **\$1500**. Quantity discounts are available. The datasheet can be downloaded [HERE](#).



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