

Media-Isolated Mag Plus Probe Kits

Enhance your existing Mag Plus Probe to monitor Chemical, LPG or DEF tank applications

No Tank Depressurizing or Disturbance of Liquid Product

The Multi-Use Media-Isolated Probe (ISO-Probe) Kit allows liquid petroleum gas, diesel exhaust fluid, and other chemical tank owners to accurately measure inventory levels using an automatic tank gauge.

A unique feature of this adapter kit is the user's ability to remove the probe shaft from its stainless-steel jacket for maintenance at any time without disturbing the tank's liquid product contents, or in the case of a LPG customer, having to first depressurize the tank.

► FEATURES

- Mag Plus ISO-Probes provide highly accurate trouble-free performance in a wide variety of approved fluids as well as pressurized LPG tanks.
- Magnetostrictive technology and five-point temperature sensing makes it capable of extremely accurate inventory control.
- Mag Plus Probe provides an operating temperature range of -40 to +70°C.
- Highly accurate Magnetostrictive measurement technology compatible with all current TLS consoles.

► BENEFITS

For Chemical + DEF Tank Applications

- Stainless Steel Floats can be used in all NEC Class 1, Group D liquids with environment specific gravity of .70 or above.
- Chemical Adapter Kit equipped probe capable of reading product level down to 3.3".
- Chemical Adapter Kit allows probe to easily fit into a 2" NPT tank opening.

For LPG Tank Applications

- LPG adapter kit equipped probe capable of reading product level down to 3.25".
- LPG adapter kit easily fits a 1.5" NPT tank opening.

ISO-Probe Kits

- Non-corrosive, stainless steel tubing (stainless steel grade 316) for long-life monitoring in a wide spectrum of alternative fluids and pressurized environments.
- Both Chemical/ DEF and LPG kit probes are easily removed from tank without disturbing liquid inventory or having to depressurize the LPG tank. (The ISO-Probe Kit is required with a Mag Plus Probe.)



*Mag Plus
LPG-ISO Probe*

*Mag Plus
Chem/DEF-
ISO Probe*



SPECIFICATIONS

CHEM-ISO Probe Kit Ordering Information - EX: 331824-101

CHEM-ISO Probe Kit Part No.	Cable Length Kit Item #s			Minimum Required Probe Length in Inches	Chemical/DEF Tank Diameter
	-5 ft	-10 ft	-20 ft		
331824	-101	-201	-301	48"	42" or smaller
331824	-102	-202	-302	60"	54"
331824	-103	-203	-303	64"	58"
331824	-104	-204	-304	72"	66"
331824	-105	-205	-305	84"	78"
331824	-106	-206	-306	90"	84"
331824	-107	-207	-307	96"	90"
331824	-108	-208	-308	108"	102"
331824	-109	-209	-309	120"	114"
331824	-110	-210	-310	126"	120"
331824	-111	-211	-311	132"	126"
331824	-112	-212	-312	144"	138"
331824	-199	-299	-399	6" + CHEM Tank Diameter*	Custom**

LPG-ISO Probe Kit Ordering Information - EX: 333083-101

LPG-ISO Probe Kit Part No.		Cable Length Kit Item #s		Minimum Required Probe Length in Inches	LPG-ISO Tank Diameter*
1-1/2" Dia. Tank Interface	2" Dia. Tank Interface	-5 ft	-10 ft		
333083	333082	-101	-201	48"	42" or smaller
333083	333082	-102	-202	60"	54"
333083	333082	-103	-203	64"	58"
333083	333082	-104	-204	72"	66"
333083	333082	-105	-205	84"	78"
333083	333082	-106	-206	90"	84"
333083	333082	-107	-207	96"	90"
333083	333082	-108	-208	108"	102"
333083	333082	-109	-209	120"	114"
333083	333082	-110	-210	126"	120"
333083	333082	-111	-211	132"	126"
333083	333082	-112	-212	144"	138"
333083	333082	-199	-299	6" + LPG Tank Diameter*	Custom**

* Tank diameters not shown in the table above are considered "Custom" ISO Kits.

** Custom length probes must be ordered in 1 inch increments. Veeder-Root does not accept return of custom length probes.

Magnetostrictive Probe TLS Console Compatibility

Probe	TLS-450PLUS	TLS-4 Series	TLS-350	TLS-300i	TLS-300C
ISO	•	•	•	•	•

• = Standard Feature

Ordering Notes:

1. The ISO-Probe kits do not include the Mag Plus Probe; the corresponding length Mag Plus Probe must be ordered separately.
2. The ISO-Probe kit and the Mag Plus Probe length must be at least 6 inches longer than the tank diameter.

► BUILDING AN INTEGRATED DEF MANAGEMENT SYSTEM

Integrating your site with Veeder-Root's all-inclusive DEF management system gives operators the power to fight back against erratic leaks, messy cleanups, and temperature induced product degradation, associated with other DEF handling systems. The ISO-Chem Probe Kit protects probes and users from contact with diesel exhaust fluid.

