

# Media-Isolated Kits for Magnetostrictive Plus Probes

Enhance your existing Magnetostrictive (MAG) Plus Probe to monitor chemical, LPG, and DEF tank inventories

## Eliminate Tank Depressurizing & Disturbance of Liquid Product

The Media-Isolated (ISO-Probe) Kits allow chemical, Liquid Petroleum Gas (LPG), and Diesel Exhaust Fluid (DEF) tank owners to accurately measure inventory levels using an automatic tank gauge.

The primary benefit of this adapter kit design is the user's ability to remove the probe shaft from its stainless steel jacket for maintenance without disturbing the tank's liquid product contents, or in the case of a LPG customer, having to first depressurize the tank.

### ► WHY MEDIA-ISOLATED KITS?

When a solution for long-life monitoring in a wide variety of approved alternative fluids and pressurized environments is required, depend on the non-corrosive, stainless steel tubing (Type 316) design of the ISO-Probe Kits. Additionally, take advantage of the MAG Plus Probe design features when using the ISO-Probe Kits with the MAG Plus Inventory Only Probes:

- Magnetostrictive measurement technology is compatible with current TLS consoles
- Five-point temperature sensing provides extremely accurate inventory control
- MAG Plus Probes support a wide operating temperature range from -40°F to 158°F (-40°C to 70°C)



#### The Chem-ISO Kit for Chemical & DEF Tank Applications

- Stainless steel floats can be used in all NEC Class 1, Group D liquids with environment specific gravity of 0.70 or above
- Capable of reading product level down to 3.3 in (8.38 cm)
- Allows probe to easily fit into a 2 in (5.08 cm) NPT tank opening
- Helps prevent cross-contamination and chemical exposure to service personnel when conducting maintenance on the probe

#### The LPG-ISO Kit for LPG Tank Applications

- Capable of reading product level down to 3.25 in (8.26 cm)
- Allows probe to easily fit into a 1.5 in (3.81 cm) NPT tank opening
- Improves safety practices by reducing operator exposure to gaseous fumes during maintenance operations



# SPECIFICATIONS

## Media-Isolated Kits for Magnetostrictive Plus Probes

### CHEM-ISO Probe Kit Ordering Information – EX: 0331824-101

CHEM-ISO Probe Kit Part No.	Cable Length Kit Item #s			Chemical/DEF Tank Diameter	Minimum Required Probe Length
	-5 ft	-10 ft	-20 ft		
0331824	-101	-201	-301	42" or smaller	48"
0331824	-102	-202	-302	54"	60"
0331824	-103	-203	-303	58"	64"
0331824	-104	-204	-304	66"	72"
0331824	-105	-205	-305	78"	84"
0331824	-106	-206	-306	84"	90"
0331824	-107	-207	-307	90"	96"
0331824	-108	-208	-308	102"	108"
0331824	-109	-209	-309	114"	120"
0331824	-110	-210	-310	120"	126"
0331824	-111	-211	-311	126"	132"
0331824	-112	-212	-312	138"	144"
0331824	-199	-299	-399	Custom*	6" + CHEM Tank Diameter*

### LPG-ISO Probe Kit Ordering Information – EX: 0333083-101

LPG-ISO Probe Kit Part No.		Cable Length Kit Item #s		LPG-ISO Tank Diameter	Minimum Required Probe Length
1-1/2" Dia. Tank Interface	2" Dia. Tank Interface	-5 ft	-10 ft		
0333083	0333082	-101	-201	42" or smaller	48"
0333083	0333082	-102	-202	54"	60"
0333083	0333082	-103	-203	58"	64"
0333083	0333082	-104	-204	66"	72"
0333083	0333082	-105	-205	78"	84"
0333083	0333082	-106	-206	84"	90"
0333083	0333082	-107	-207	90"	96"
0333083	0333082	-108	-208	102"	108"
0333083	0333082	-109	-209	114"	120"
0333083	0333082	-110	-210	120"	126"
0333083	0333082	-111	-211	126"	132"
0333083	0333082	-112	-212	138"	144"
0333083	0333082	-199	-299	Custom*	6" + LPG Tank Diameter*

\* Tank diameters not shown in the table above are considered custom. Custom length probes must be ordered in 1 inch increments. Veeder-Root does not accept return of custom length probes.

#### 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.

