

# Manometer Accessories & Indicating Fluids

## Fluids



Meriam indicating fluids are available for a wide variety of needs. Low freeze point fluids are available for cold weather climates and outdoor use. High temperature fluids are also available for higher temperature environments. Indicating fluid specific gravity (density) options range from 0.827 Red Oil to 2.95 Red Fluid. The higher specific gravity fluids can be used to increase the measurement range of any glass tube manometer.

### Ordering Information

To order any one of Meriam's indicating fluids, please contact your Meriam sales representative with the fluid's corresponding order number (see chart).

Trade Name	Specific Gravity	Description	Order No.	Quantity
827 Red Oil	0.827 @ 60°F Compared to H <sub>2</sub> O @ 4°C	A highly refined mineral seal oil, non-corrosive. Temp Range: 40°F to 120°F	923RO-1 923RO-2 923RO-3 923RO-4	4 oz. 1 pt. 1 qt. 1 gal.
1000 Green Concentrate	1.000	For high precision work. Non-corrosive, low surface tension. Not for use under freezing conditions (see 922WA-LFP below). Concentrated to mix with water.	922WA-1 922WA-2	3 oz. 15 oz.
1000-LFP Low Freezing Point Green Concentrate	1.00	Similar to Meriam 1000 Green Concentrate, however, fluid is premixed with ethylene glycol. Temp Range: 0°F to 120°F	922WA-LFP	1 pt. 1 gal.
1000 Certified Premixed Green Concentrate	1.000	Premixed blend of Green Concentrate & Distilled water with certificate of specific gravity value. Temp Range: 40°F to 120°F	922WA-SP	1 qt. 1 gal.
100 Red Unity Oil	1.00 @ 73°F Compared to H <sub>2</sub> O @ 4°C	A mineral seal oil for general use where water is unsuitable. Temp Range: 30°F to 100°F	923RU-1 923RU-2 923RU-3 923RU-4	4 oz. 1 pt. 1 qt. 1 gal.
104 Hi-Vac Red Fluid	1.04 @ 83°F Compared to H <sub>2</sub> O @ 4°C	Specially suited for high vacuum applications. Teflon gaskets are required. Insoluble in water, non-corrosive. Temp Range: 20°F to 150°F	929DB-1 920DB-2 929DB-3 929DB-4	4 oz. 1 pt. 1 qt. 1 gal.
190 Blue Fluid	1.90 @ 55°F Compared to H <sub>2</sub> O @ 4°C	Non-Freezing, low viscosity. Insoluble in water, clear interface. Temp Range: -30°F to 120°F	923BFL-1	2 oz.
295 No. 3 Red Fluid	2.95 +/- 0.002 @ 78°F Compared to H <sub>2</sub> O @ 4°C	Heavy Bromide, Non-Flashing. Highly corrosive to steel & aluminum. Temp Range: 40°F to 100°F	924BA-1 924BA-1#Exp 924BA-3# 924BA-3#Exp	1 lb. 1 lb. export 3 lb. 3 lb. export
Cleaning Fluid	—	Manometer Cleaning Fluid Alkaline & Detergents	915E	1 gal.

Meriam's hand pumps can be used with a variety of products such as our manometers, Model 35EE Meri-Cal, MFT Series, M2 Series Smart Manometers and the M1 Series Digital Manometer/Calibrators. See pages 54-55 for more information.



### MH-10KT Hydraulic Calibration Pump

- 0-10,000 psi (700 Bar)
- Compatible with most hydraulic fluids, oils, and water
- Connections (2 ports) ¼ inch NPT/BSP
- Weight 3 lbs

### MP-100KT Calibration Pump

- MV-100 0-28" Hg (depends on barometric pressure)
- MP-100 0 to 100 psi (including and not limited to an inch of water)
- Connections (2 ports) ⅜ inch NPT
- 2ft hose and ¼ inch fitting

### M-600KT Combo Pneumatic Calibration Pump

- Vacuum 28" Hg to pressure 600 psi (combination pump)
- Compatible with all gauges and calibrators
- Connections (2 ports) ¼ inch and ⅜ inch NPT/BSP
- Weighs 2 lbs