



EMCO Flowmeter recommendations for the Water & Waste Industry

Media	Typically Recommended Flowmeter/Material ¹	Other EMCO Flowmeters
Water and Sewage		
Water	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL ChannelMags
Raw Sewage / Waste	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL ChannelMags
Raw Water / Sewage with Iron Sulfide	Sono-Trak	Raw Water – Sono-Trak Transit Time Sewage – Sono-Trak Doppler
Water Softening		
Sodium Chloride	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: Hastelloy C Liner & Coating: Epoxy	DemiMag DM, DL
Soda Ash	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	DemiMag DM, DL
Quicklime / Hydrated	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	DemiMag DM, DL
Disinfection		
Hypochlorite (Bleach)	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: Hastelloy C Liner & Coating: Epoxy	DemiMag DM, DL
Liquid Chlorine	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: Hastelloy C Liner & Coating: Epoxy	DemiMag DM, DL
Ammonium Sulphate	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL
Sodium Chlorite	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: Hastelloy C Liner & Coating: Epoxy	DemiMag DM, DL
Sewage mixed with Coagulation Chemicals		
Ferrous Sulphate / Aluminum Sulphate, Sodium Aluminate, Ferric Chloride, Polyaluminum Chloride	Sono-Trak Doppler	
Sodium Silicate	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT



Media	Typically Recommended Flowmeter/Material ⁱ	Other EMCO Flowmeters
Coagulation Chemicals for Sewage		
Ferrous Sulphate, Aluminum Sulphate, Sodium Aluminate	DemiMag DM (Page 15 EMCO Aug 17 price list) Flowtube material: PVDF Electrodes: Conductive PVDF Seal Material: Viton Connection Material: 316 Stainless Steel	DemiMag DL
Ferric Chloride, Polyaluminum Chloride	DemiMag DM (Page 15 EMCO Aug 17 price list) Flowtube material: PVDF Electrodes: Conductive PVDF Seal Material: Viton Connection Material: PVDF	DemiMag DL
Sodium Silicate	DemiMag DM (Page 15 EMCO Aug 17 price list) Flowtube material: PVDF Electrodes: Conductive PVDF Seal Material: Viton Connection Material: 316 Stainless Steel	DemiMag DL
Scale & Corrosion Control		
Sodium Hydroxide, Monosodium Phosphate, Disodium Phosphate, Potassium Hydroxide, Sulfur Dioxide	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL
Sodium Polyphosphate, Calcium Chloride	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: Hastelloy C Liner & Coating: Epoxy	DemiMag DM, DL
Taste & Odor Control		
Act. Carbon / Water, Sodium Metabisulfite, Copper Sulphate, Permanganates	UniMag M Series (Page 3 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL
Prophylaxis (Disease Prevention)		
Sodium Fluoride, Sodium Fluorosilicate	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: Hastelloy C Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL
Fluorosilicic Acid	UniMag DT (Page 4 EMCO Aug 17 price list) Flowtube material: Carbon Steel Sensor material: PVDF Electrodes: 316 Stainless Steel Liner & Coating: Epoxy	UniMag DT DemiMag DM, DL

ⁱ Flowmeter typically recommended may not be best suited for your application, consult an EMCO representative for your specific Flowmeter needs.