

# IN-LINE FLOWMETERS

## FL-500WW Series



Optional †

- ✓ Direct Flow Indication
- ✓ PVC Body and End Fittings
- ✓ Titanium Shaft and Spring
- ✓ Easily Mounted in Any Pipe Orientation

### Typical Applications

- ✓ Aluminum Sulfate (Alum)—Clarification
- ✓ Chlorinated Water—Disinfection
- ✓ Ferric Chloride—Clarification
- ✓ Potassium Permanganate—Disinfection

- ✓ Sodium Bisulfite—Disinfection
- ✓ Sodium Hypochlorite (Bleach)—Disinfection
- ✓ Sodium Hydroxide—Neutralization
- ✓ Sulfur Dioxide (in Water)—Dechlorination
- ✓ Chlorine Dioxide—Disinfection

The FL-500WW Series provides flow rate indication for 1 to 5% dilute aqueous chemical solutions used in the treatment of water and wastewater.

**Dimensions:** 177.8 mm (7") long  
**FL-505 through FL-515:**  
 50.8 mm (2") Dia.  
**FL-520 through FL-550:**  
 76.2 mm (3") Dia.



FL-505WW, shown smaller than actual size.

**To Order Visit [omega.com/fl500ww](http://omega.com/fl500ww) for Pricing and Details**

Model No.	Female NPT End Fittings	Dual Scales	
		GPM	LPM
FL-505WW	1	0.5 to 5	2 to 20
FL-510WW	1	1 to 10	4 to 38
FL-515WW	1	1.5 to 15	6 to 55
FL-520WW	1.5	2 to 20	8 to 75
FL-530WW	1.5	3 to 30	11 to 110
FL-540WW	1.5	4 to 40	15 to 150
FL-550WW	1.5	5 to 50	20 to 200

### SPECIFICATIONS

Fluid Temperature		Max Liquid Pressure	
°C	°F	psig	bar
21	70	200	13.79
38	100	100	6.90
52	125	75	5.17
65	150	50	3.45

### Accessory Switch Kits (Field Installable)

Model No.	For Sizes
FL-500-S1	FL-505, FL-510, FL-515
FL-500-S2	FL-520, FL-530, FL-550

Switch ratings: 8 W, 100 Vdc/120 Vac.  
 Comes complete with operator's manual.

† For NIST traceable certificate add suffix "-NIST" to model number for additional cost.  
**Ordering Examples:** FL-515WW, 1" flowmeter, 1.5 to 15 GPM (6 to 55 LPM).  
 FL-530WW, 1.5" flowmeter, 3 to 30 GPM (11 to 110 LPM).

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