

# IN-LINE FLOWMETERS

FL46300 Series

Starts at  
**\$84**



Optional †

- ✓ Low Pressure Drop
- ✓ Direct, Easy-to-Read English and Metric Scales
- ✓ Economical Design

The FL46300 Series in-line flowmeters offer handmade quality along with excellent accuracy and repeatability.

These flowmeters are made of high-quality acrylic rod stock, carefully polished to a clear-as-glass finish. Easy-to-read scales are printed on the body. The meters also feature glass-filled polypropylene adaptors and FKM O-ring seals.

## SPECIFICATIONS

**Accuracy:** ±5%

**Meter Body:** Acrylic

**O-Ring Material:** FKM

**Float:** 316 SS (PVC for FL46302)

**Temperature Limit:** 65°C (150°F)  
at 0 psig

**Pressure Limit:** 150 psig at 21°C (70°F)

**Pressure Drop:** 2 psi max

**Dimensions:**

FL46301-06: 208 H x 32 mm D (8<sup>3</sup>/<sub>16</sub> x 1<sup>1</sup>/<sub>4</sub>"

FL46307-09: 279 H x 32 mm D (11 x 1<sup>1</sup>/<sub>4</sub>")

**Weight:** 680 g (1.5 lb)



Many fittings of various materials and styles are available. See pages T-35 to T-66.

**MOST POPULAR MODELS HIGHLIGHTED!**

| To Order (Specify Model Number) |       |                |            |             |
|---------------------------------|-------|----------------|------------|-------------|
| Model No.                       | Price | Calibration    |            | End Fitting |
|                                 |       | GPM            | LPM        |             |
| FL46301                         | \$98  | 0.025 to 0.250 | 0.1 to 1.0 | ¼ FNPT      |
| FL46302                         | 84    | 0.1 to 1.0     | 0.4 to 4.0 | ⅜ FNPT      |
| FL46303                         | 84    | 0.2 to 2.0     | 1.0 to 7.5 | ⅜ FNPT      |
| FL46304                         | 90    | 0.3 to 3.0     | 1.5 to 11  | ⅜ FNPT      |
| FL46305                         | 90    | 0.3 to 3.0     | 1.5 to 11  | ½ FNPT      |
| FL46306                         | 84    | 0.5 to 5.0     | 2.0 to 20  | ½ FNPT      |
| FL46307*                        | 161   | 1.0 to 10      | 4.0 to 38  | ¾ FNPT      |
| FL46308*                        | 161   | 1.0 to 17      | 4.0 to 64  | 1 FNPT      |
| FL46309*                        | 161   | 2.0 to 20      | 8.0 to 80  | 1 FNPT      |

\* These units have aluminum stress rings on end fittings for added strength.

Comes complete with operator's manual.

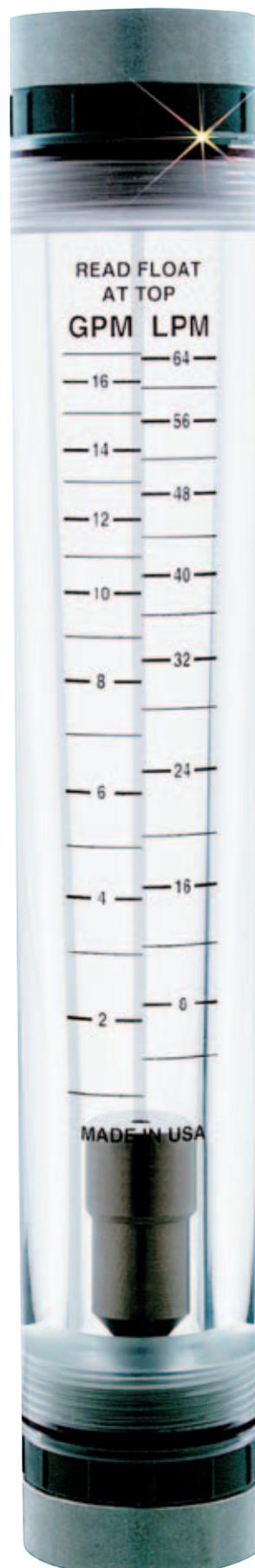
† For 5-point NIST calibration, add suffix "-NIST" to model number and \$375 to price.

**Ordering Examples:** FL46302, meter with 0.1 to 1.0 GPM (0.4 to 4.0 LPM) ranges, \$84.

FL46309, meter with 2.0 to 20 GPM (8.0 to 80 LPM) range and aluminum stress rings on end for added strength, \$165.

Recommended Reference Book: Flow Measurement  
Methods and Applications,  
CM-4339, \$145

See Section Y For Additional Books



FL46308, \$161,  
shown smaller than  
actual size.

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