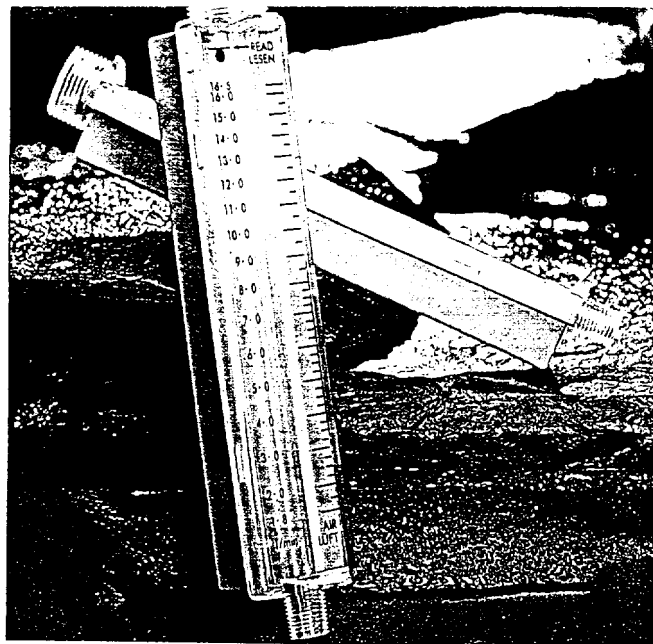


# loflow

## oil, water and air flowmeters

- ▶ Flow measurement from 0.007 to 22 l/min (Air 1-720 l/min)
- ▶ Easy to read, permanent printed scales
- ▶ Large scale definition for precise measurement
- ▶ Easy panel mounting assembly
- ▶ Negligible pressure drop characteristics
- ▶ 10 bar pressure rating
- ▶ Simple to use



### Technical specifications

#### Construction:

Body	Grillon TR55
Back Body Half	ABS 7020
Ball Retainer	ABS 7020
Back Panel	PVC
Float	See below

#### Maximum Working Pressure:

10 bar

#### Maximum Working Temperature:

60°C

#### Accuracy:

±5%

#### Repeatability:

±1%

#### Connections:

1/4" and 3/4" BSPT tapered threads

#### Calibration:

1 bar absolute at 20°C

### Simple to fit, Easy to use

The LoFlow meter has been designed for those industries where the need exists for a low cost solution to small measurements of flow with an accurate reading.

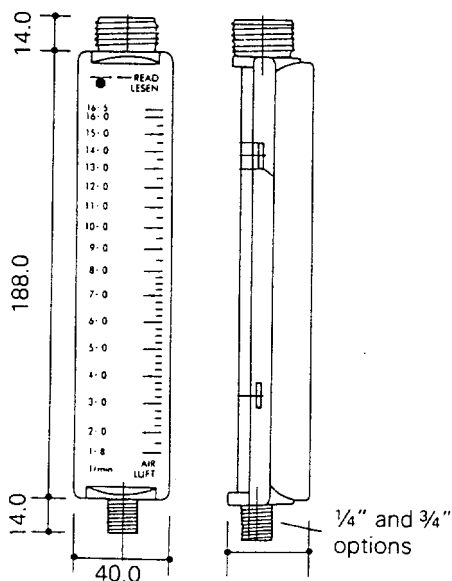
LoFlow uses the well tried and tested principle of variable area flow measurement utilising the movement of a ball or float inside a calibrated tapered tube.

As the float's movement inside the tube is pushed upwards by the flow of air, the area of the tube increases to incorporate the rising flow and the float moves proportionally indicating a flow reading on the permanently printed scale on the outside of the tube.

LoFlow, however, must be used in a vertical plane although it incorporates a unique vane system whereby the float is permanently held in the centre of the calibrated tube thereby increasing the accuracy with which measurements may be obtained.

### Typical Applications

Monitoring inert gases for the welding industry  
 Pollution Monitoring Equipment  
 Pharmaceutical Industry  
 Filtration Systems  
 Hospital Equipment  
 For Water Applications  
 Water Treatment  
 Photography and X-ray Equipment  
 Swimming Pools



### Ordering Information – Oil and Water

Part Number	Media	Inlet Port BSPT Male	Flow Range l/min	Float material
LF.1002	OIL	1/4"	0.007 - 0.25	S. Steel
LF.1009		3/4"	0.05 - 0.9	Acetal
LF.1090		3/4"	0.2 - 9.0	S. Steel
LF.2005	WATER	1/4"	0.07 - 0.55	S. Steel
LF.2020		3/4"	0.02 - 2.0	Acetal
LF.2100		3/4"	1.5 - 10.0	S. Steel
LF.2220		3/4"	2.0 - 22.0	S. Steel

### Ordering Information – Air

Part Number	Inlet Ports	Flow Range	Float material
LF.3007E	1/4"	1 - 7.5 l/min	Acetal
LF.3021E	1/4"	3 - 21.0 l/min	S. Steel
LF.3050E	3/4"	5 - 50.0 l/min	Acetal
LF.3135E	3/4"	20 - 135.0 l/min	Acetal
LF.3330E	3/4"	1 - 5.5 l/sec	S. Steel
LF.3720E	3/4"	1 - 12.0 l/sec	S. Steel

Note UCC reserve the right to change flow ranges from those stated.