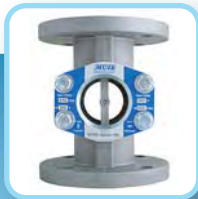


# MUIS

CONTROLS LTD.



**FLOW METERS**



**FLOW CONTROLS**

since 1981

1

[www.muiscontrols.com/rd1018.html](http://www.muiscontrols.com/rd1018.html)


### Low Cost Acrylic Rotameters

- 2" and 4" scale lengths
- Brass or stainless steel connections
- Supplied with or without needle valves

2

[www.muiscontrols.com/rd1018.html](http://www.muiscontrols.com/rd1018.html)


### Panel Mount Acrylic Rotameters

- 2", 3", 4", 5" and 10" scale lengths
- Suitable for panel or surface mounting
- No charge for direct reading scales

3

[www.muiscontrols.com/rd1018.html](http://www.muiscontrols.com/rd1018.html)


### Square Block Acrylic Rotameters

- 2", 4", 5" and 10" scale lengths
- PVC, brass or stainless steel connections
- Ideal for water treatment systems

4

[www.muiscontrols.com/rd1018.html](http://www.muiscontrols.com/rd1018.html)


### Round Body Acrylic Rotameters

- Sizes from 1/2" to 2" NPT
- PVC, aluminum, brass, St St connections
- No charge for direct reading scales

5

[www.muiscontrols.com/rd1018.html](http://www.muiscontrols.com/rd1018.html)


### Corrosion Resistant Molded Rotameters

- Polysufone, Polyamide or PVDF tubes
- PVC, Polypropylene or PVDF connections
- Union connections, Optional alarms

6

[www.muiscontrols.com/rd1018.html](http://www.muiscontrols.com/rd1018.html)


### Solid PVC Chemical Resistant Rotameters

- Threaded or flanged construction
- Ideal for corrosive chemical solutions
- Optional alarm switches or transmitter

7

[www.muiscontrols.com/rd1019.html](http://www.muiscontrols.com/rd1019.html)


### Low-Flow Glass Tube Purgemeters

- 65 mm and 150 mm tubes
- Wide variety of liquid and gas ranges
- No charge for direct reading scales

8

[www.muiscontrols.com/rd1019.html](http://www.muiscontrols.com/rd1019.html)


### High Flow Glass Tube Purgemeters

- 75 mm and 150 mm tubes
- Liquid flow to 7.4 USGPM/21 LPM
- Gas flow to 20 SCFM/560 SLPm

9

[www.muiscontrols.com/rd1019.html](http://www.muiscontrols.com/rd1019.html)


### Economical Glass Tube Rotameters

- 3", 5", 6" and 10" scale lengths
- Sizes from 3/8" to 2" NPT
- Most have stainless steel frames

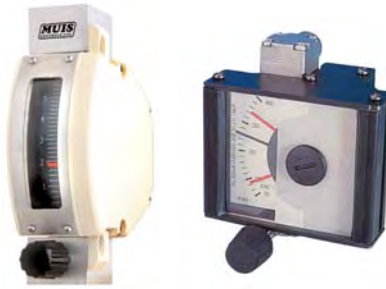
10

[www.muiscontrols.com/rd1019.html](http://www.muiscontrols.com/rd1019.html)

### Heavy Duty Glass Tube Rotameters

- Rugged stainless steel frame enclosure
- 5", 10" scales (no charge - direct reading)
- Stainless steel connections (½" to 2" NPT)

11

[www.muiscontrols.com/rd1020.html](http://www.muiscontrols.com/rd1020.html)

### Low-Flow Metal Tube Purgemeters

- High Pressure or hazardous fluids
- Stainless steel construction
- Pressures to 4000 PSIG / 280 Barg

12

[www.muiscontrols.com/rd1020.html](http://www.muiscontrols.com/rd1020.html)

### Economical Metal Tube Rotameters

- Sizes ½" to 4" (threaded or flanged)
- Direct reading scales (liquids or gases)
- Superior design at a reasonable price

13

[www.muiscontrols.com/rd1020.html](http://www.muiscontrols.com/rd1020.html)

### Threaded Industrial Metal Tube Rotameters

- All stainless steel construction (no O-rings)
- Pressures to 1500 PSIG / 100 Barg
- No charge direct reading scales

14

[www.muiscontrols.com/rd1020.html](http://www.muiscontrols.com/rd1020.html)

### Flanged Industrial Metal Tube Rotameters

- ½" to 4" flanges (to high pressure ratings)
- Measure liquid, gas or steam flow
- Optional alarms switches or transmitter

15

[www.muiscontrols.com/rd1021.html](http://www.muiscontrols.com/rd1021.html)

### Analog Dial Type Flow Indicators

- Easy to read dial type flow gauge
- Sizes from ½" to 8" pipes
- Gases or liquids / Alarms / Transmitter

16

[www.muiscontrols.com/rd1022.html](http://www.muiscontrols.com/rd1022.html)

### High Pressure Flow Monitors

- Brass, aluminum or stainless steel
- Pressures to 6000 PSIG / 400 Barg
- Vertical and horizontal installation

17

[www.muiscontrols.com/rd1022.html](http://www.muiscontrols.com/rd1022.html)

### High Pressure Flow Alarms / Transmitter

- Adjustable flow alarm switches
- 2 - wire 4 - 20 mA DC transmitter
- Pressures to 6000 PSIG / 400 Barg

18

[www.muiscontrols.com/rd1022.html](http://www.muiscontrols.com/rd1022.html)

### High Pressure Flow Monitors

- Pressures to 6000 PSIG / 400 Barg
- Sizes from ½" to 3" NPT
- Standard ranges for air, water and oil

19

[www.muiscontrols.com/rd1024.html](http://www.muiscontrols.com/rd1024.html)

### Ball Type Sight Flow Indicators

- Monitor critical flow streams
- Confirm flow of coolants or lubricants
- Stainless steel or brass construction

20

[www.muiscontrols.com/rd1024.html](http://www.muiscontrols.com/rd1024.html)

### Low Cost Sight Flow Indicators

- Plastic, brass, steel, stainless steel
- A window into your pipe
- Protect valuable machinery or equipment

21

[www.muiscontrols.com/rd1024.html](http://www.muiscontrols.com/rd1024.html)

### Industrial Sight Flow Indicators

- Monitor fluid colour or clarity
- Confirm flow direction or flow rate
- Rotor, flapper, plain and drip types available

22

[www.muiscontrols.com/rd1024.html](http://www.muiscontrols.com/rd1024.html)

### Flanged Sight Flow Indicators

- Sizes from 1/2" to 12"
- Pressures to 2400 PSIG / 160 Barg
- Flapper, rotor, plain and drip styles

23

[www.muiscontrols.com/rd1024.html](http://www.muiscontrols.com/rd1024.html)

### Special Sight Flow Indicator

- Exotic Materials, Alloy 20
- Hastelloy, Monel, Inconel
- Teflon, PFA Lined units available

24

[www.muiscontrols.com/rd1028.html](http://www.muiscontrols.com/rd1028.html)

### High Quality Paddle Wheel Flow Meters

- PVC, polypropylene, brass or St. St.
- Battery powered flow rate / total display
- 4 - 20 mA DC transmitter / Batch control

25

[www.muiscontrols.com/rd1029.html](http://www.muiscontrols.com/rd1029.html)

### Economical Low-Flow Magnetic Flow Meters

- 1/4" to 1/2" PVDF flow tubes
- Digital display with 4 - 20 mA DC output
- Low cost blind flow meters for OEM's

26

[www.muiscontrols.com/rd1029.html](http://www.muiscontrols.com/rd1029.html)

### Insertion Magnetic Flow Meters

- Sizes from 1" to 48" pipes
- Economical solid state flow meter
- Water, waste water, irrigation

27

[www.muiscontrols.com/rd10284.html](http://www.muiscontrols.com/rd10284.html)

### Insertion Paddle Wheel Flow Meters

- Sizes from 1/2" to 48" pipes
- Brass, stainless steel / Hot tap option
- Digital display electronics, pulse / analog

28

[www.muiscontrols.com/rd1026.html](http://www.muiscontrols.com/rd1026.html)

### Battery Powered Turbine Flow Meters

- Stainless steel, brass or aluminum
- Intrinsically safe for hazardous areas
- Sizes from 1/2" to 2" NPT

29

[www.muiscontrols.com/rd1026.html](http://www.muiscontrols.com/rd1026.html)

### Precision Liquid Turbine Flow Meters

- Precision and high accuracy design
- Ceramic ball bearings (5 year warranty)
- 150# to 2500# ANSI, Exotic materials

30

[www.muiscontrols.com/rd1026.html](http://www.muiscontrols.com/rd1026.html)

### Precision Gas Turbine Flow Meters

- Ceramic ball bearings (5 year warranty)
- Sizes from 1/4" to 12" pipes
- Volumetric or mass flow digital electronics

31

[www.muiscontrols.com/rd1026.html](http://www.muiscontrols.com/rd1026.html)

### Insertion Turbine Flow Meters

- Economical flow meter for large pipes
- Hot tap design for easy insert / retract
- Sealed ceramic ball bearings (long life)

32

[www.muiscontrols.com/rd1026.html](http://www.muiscontrols.com/rd1026.html)

### General Purpose Turbine Flow Meters

- Threaded and wafer flanged (1/4" to 8")
- Meter mounted or remote electronics
- Standard oil and gas industry design

33

[www.muiscontrols.com/rd1027.html](http://www.muiscontrols.com/rd1027.html)

### Battery Powered Digital Display Electronics

- Displays both flow rate and flow total
- Intrinsically safe for hazardous areas (CSA)
- Use with magnetic pickup or reed switch

34

[www.muiscontrols.com/rd1032.html](http://www.muiscontrols.com/rd1032.html)

### Laboratory Mass Flow Meters for Gases

- Low cost digital display flow meter
- Analog output / Optional totalizer
- Ranges from 10 ml/min to 1000 L/min

35

[www.muiscontrols.com/rd1032.html](http://www.muiscontrols.com/rd1032.html)

### Low Cost Mass Flow Controller for Gases

- Ranges from 10 ml/min to 1000 L/min
- Use with a wide variety of clean gases
- Stainless steel and aluminum flow bodies

36

[www.muiscontrols.com/rd1032.html](http://www.muiscontrols.com/rd1032.html)

### "Nonthermal" Liquid/Gas Mass/Volume

- Gas ranges 0.5 ml/min to 1000 L/min
- Liquid ranges 0.5 ml/min to 10 L/min
- Turn flow ratios to 100:1

37

[www.muiscontrols.com/rd1026.html](http://www.muiscontrols.com/rd1026.html)

### Mini Flow Pelton Wheel Flow Meter

- Very low flow rates for liquids and gases
- Pressures to 5000 PSIG / 330 Barg
- Digital display transmitter (4-20 mA/pulse)

38

[www.muiscontrols.com/rd1033.html](http://www.muiscontrols.com/rd1033.html)

### High Pressure Spur Gear Flow Meters

- +/- 0.5% of rate / Pressures to 14000 PSIG
- Stainless steel or aluminum construction
- Oils, grease, paints, adhesives, sealants

39

[www.muiscontrols.com/rd1033.html](http://www.muiscontrols.com/rd1033.html)

### Very Low Flow Spur Gear Flow Meters

- Measure as low as 4 ccm liquid
- 4 - 20 mA transmitter for pulsating flow
- Additives, odorants, dyes, inks, resins

40

[www.muiscontrols.com/rd1034.html](http://www.muiscontrols.com/rd1034.html)

### Low Flow Oval Gear Flow Meters

- Flow rates from 0.015 USGPM and up
- Pressures to 2500 PSIG / 165 Barg
- Stainless steel, aluminum and PVC

41

[www.muiscontrols.com/rd1035.html](http://www.muiscontrols.com/rd1035.html)

### Positive Displacement Oval Gear Meters

- Meter oils, paints, inks, resins, additives
- Vertical or horizontal installation
- Local displays / Batch control options

42

[www.muiscontrols.com/rd1035.html](http://www.muiscontrols.com/rd1035.html)

### Flanged Oval Gear Flow Meters

- Rugged, accurate, reliable flow meters
- Fuel oils, chemicals, syrups, plasticizers
- High viscosity to 1,000,000 cps

43

[www.muiscontrols.com/rd1025.html](http://www.muiscontrols.com/rd1025.html)

### Industrial Paddle Type Flow Switches

- Protect pumps and process equipment
- CSA approved explosion proof
- Pipe sizes from 1 1/2" to 20"

44

[www.muiscontrols.com/rd1025.html](http://www.muiscontrols.com/rd1025.html)

### Tee-Fitting Paddle Type Flow Switches

- Pipe sizes from 1/4" to 2"
- Stainless steel or brass construction
- CSA approved explosion proof

45

[www.muiscontrols.com/rd1025.html](http://www.muiscontrols.com/rd1025.html)

### Adjustable Shuttle Type Flow Switches

- Magnetic shuttle with reed switch
- St. St., brass, aluminum, acrylic, Teflon
- Pressures to 3000 PSIG / 200 Barg

46

[www.muiscontrols.com/rd1025.html](http://www.muiscontrols.com/rd1025.html)**Very Low Flow-Setpoint Flow Switches**

- Setpoint can be adjustable or fixed
- Suitable for cleans liquids or gases
- Hazardous area approvals

47

[www.muiscontrols.com/rd1031.html](http://www.muiscontrols.com/rd1031.html)**Multi-Port Averaging Pitot Flow Sensors**

- Economical DP flow measurement
- Liquid, gas and steam flow measurement
- Pressures to 7500 PSIG / 500 Barg

48

[www.muiscontrols.com/rd1031.html](http://www.muiscontrols.com/rd1031.html)**Mass Flow Averaging Pitot Flow Sensors**

- Flow sensor, RTD, multi-variable transmitter
- Low pressure loss / Low operating costs
- Hot tap models / Exotic materials

49

[www.muiscontrols.com/rd1030.html](http://www.muiscontrols.com/rd1030.html)**Disc Type Cold/Hot Water Meters**

- Mechanical water meters with register
- Sizes from 1/2" to 2" NPT
- Optional pulse or analog transmitters

50

[www.muiscontrols.com/rd1038.html](http://www.muiscontrols.com/rd1038.html)**Digital Flow Computers**

- Mass flow of liquids and gases
- Temperature and pressure compensation
- Batch control, energy (BTU), blending

51

[www.muiscontrols.com/rd1038.html](http://www.muiscontrols.com/rd1038.html)**Digital Flow Totalizers**

- Wide variety of flow totalizers / displays
- Panel mounted or enclosure mounted
- Scalable in engineering units

52

[www.muiscontrols.com/rd1038.html](http://www.muiscontrols.com/rd1038.html)**Digital Flow Rate Indicators**

- Wide variety of flow rate indicators
- Panel mounted or enclosure mounted
- Scalable in engineering units

53

[www.muiscontrols.com/rd1038.html](http://www.muiscontrols.com/rd1038.html)**Low Cost Flow Rate / Totalizer Displays**

- Battery powered digital displays
- Back lighted display (24 VDC supply)
- Accepts various types of pulse inputs

54

[www.muiscontrols.com/rd1038.html](http://www.muiscontrols.com/rd1038.html)**Batch Controllers**

- Control liquid batches accurately
- Can be used with any flow meter
- Many flow controllers/computer available

# FLOW METERS FLOW CONTROLS

since 1981



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