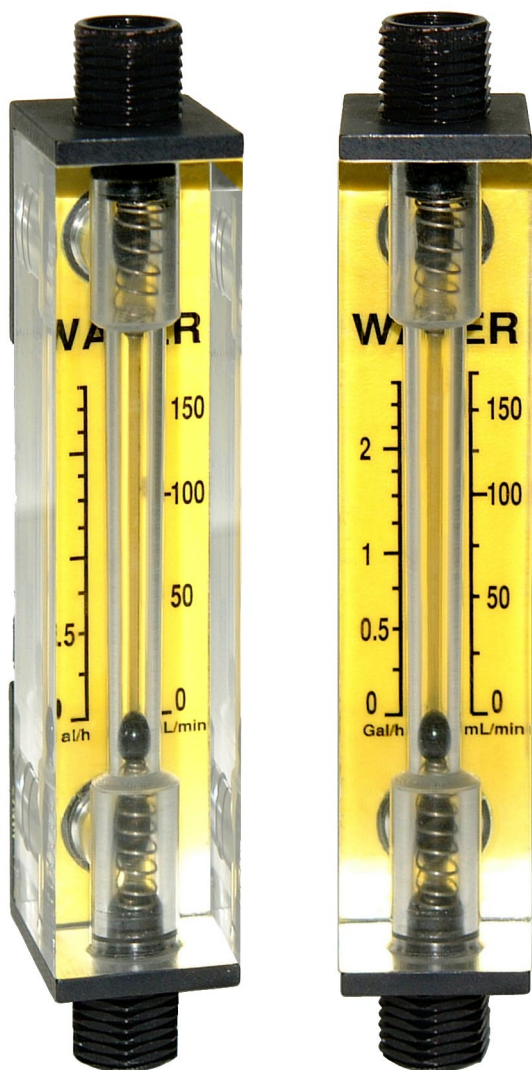


## 6A01 FEATURES

- ✓ Easy to read English or metric scales.
- ✓ Interchangeable scales, for routine gases.
- ✓ Customer convertible panel to partial or full in-line mounted configurations.
- ✓ Panel mounting by means of hex nuts.
- ✓ Meters are offered with or without built-in low hysteresis needle valves.
- ✓ Easy disassembly and assembly for cleaning.



## Superior Quality . . .



**Panel Mounting Meter with  
Built In Needle Valve**

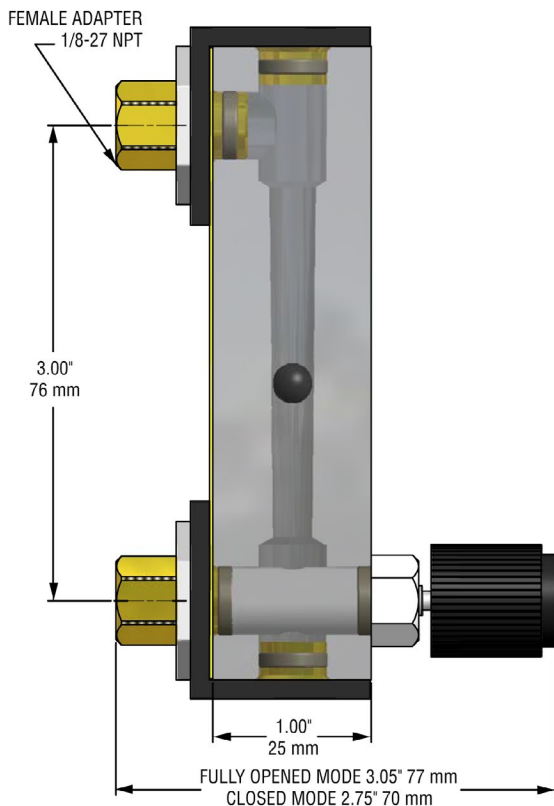
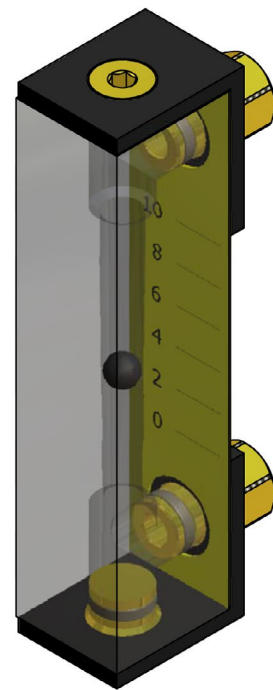
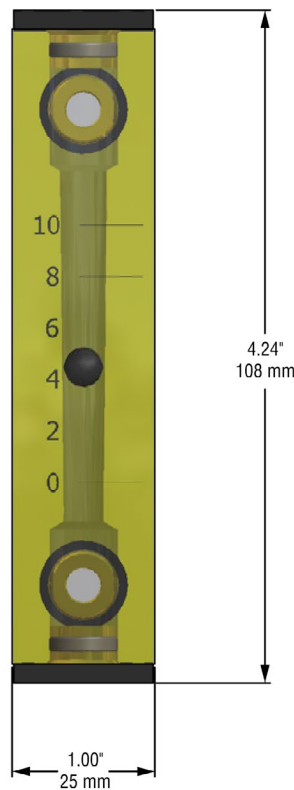
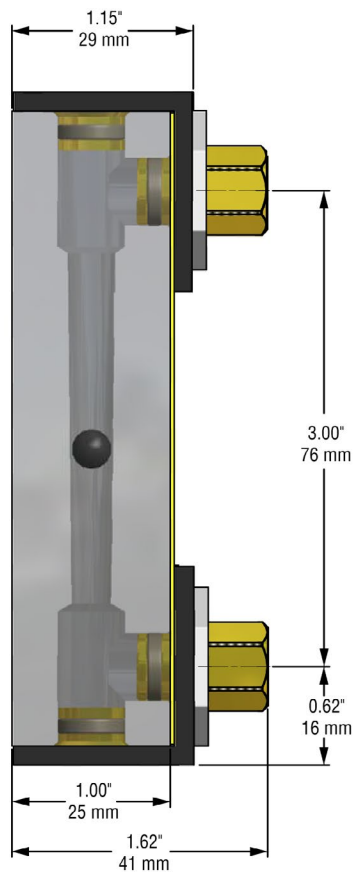
## . . . Stable, Easy to Read Float

### OPTIONAL PRODUCTS

FLOW METER KITS ARE AVAILABLE WITH DIRECT READING SCALES DISPLAYING:

AIR, WATER, ARGON, NITROGEN, HELIUM, CARBON DIOXIDE, AND OXYGEN IN BOTH ENGLISH AND METRIC UNITS.

# ACRYLIC FLOW METERS



## SPECIFICATIONS 6A01

**ACCURACY:**  $\pm 5\%$  of full scale reading.

**MAXIMUM TEMPERATURE:** 65 °C (150 °F).

**MAXIMUM PRESSURE:** 6.9 bars (100 PSIG).

**METER BLOCK:** Clear machined acrylic.

**FLOAT MATERIALS:** Black Glass, Stainless Steel, Tungsten Carbide.

**O-RING SEALS:** FKM.

**FITTINGS:** Brass or Stainless 1/8" NPT female connections, built-in needle valves and seal plugs.



*The selection of materials of construction, is the responsibility of the customer. The company accepts no liability.*

# ACRYLIC FLOW METERS

**MODEL 6A01 AIR FLOW METERS WITH DIRECT READING SCALES**

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-AB	BRASS	NO	1.4	2.8	GLASS
6A0101BV-AB		YES			
6A0101SN-AB	STAINLESS	NO	1.4	2.8	GLASS
6A0101SV-AB		YES			
6A0103BN-AB	BRASS	NO	2.5	5.5	STAINLESS
6A0103BV-AB		YES			
6A0103SN-AB	STAINLESS	NO	2.5	5.5	STAINLESS
6A0103SV-AB		YES			
6A0105BN-AB	BRASS	NO	3.5	7.0	CARBOLOY®
6A0105BV-AB		YES			
6A0105SN-AB	STAINLESS	NO	3.5	7.0	CARBOLOY®
6A0105SV-AB		YES			
6A0107BN-AB	BRASS	NO	8.5	18.0	GLASS
6A0107BV-AB		YES			
6A0107SN-AB	STAINLESS	NO	8.5	18.0	GLASS
6A0107SV-AB		YES			
6A0109BN-AB	BRASS	NO	16.0	32.5	STAINLESS
6A0109BV-AB		YES			
6A0109SN-AB	STAINLESS	NO	16.0	32.5	STAINLESS
6A0109SV-AB		YES			
6A0111BN-AB	BRASS	NO	22.0	45.0	CARBOLOY®
6A0111BV-AB		YES			
6A0111SN-AB	STAINLESS	NO	22.0	45.0	CARBOLOY®
6A0111SV-AB		YES			
6A0113BN-AB	BRASS	NO	50.0	100.0	STAINLESS
6A0113BV-AB		YES			
6A0113SN-AB	STAINLESS	NO	50.0	100.0	STAINLESS
6A0113SV-AB		YES			

**MODEL 6A01 NITROGEN FLOW METERS WITH DIRECT READING SCALES**

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-NC	BRASS	NO	1.3	2.75	GLASS
6A0101BV-NC		YES			
6A0101SN-NC	STAINLESS	NO	1.3	2.75	GLASS
6A0101SV-NC		YES			
6A0103BN-NC	BRASS	NO	2.5	5.5	STAINLESS
6A0103BV-NC		YES			
6A0103SN-NC	STAINLESS	NO	2.5	5.5	STAINLESS
6A0103SV-NC		YES			
6A0105BN-NC	BRASS	NO	3.5	7.5	CARBOLOY®
6A0105BV-NC		YES			
6A0105SN-NC	STAINLESS	NO	3.5	7.5	CARBOLOY®
6A0105SV-NC		YES			
6A0107BN-NC	BRASS	NO	8.0	16.0	GLASS
6A0107BV-NC		YES			
6A0107SN-NC	STAINLESS	NO	8.0	16.0	GLASS
6A0107SV-NC		YES			
6A0109BN-NC	BRASS	NO	16.0	32.5	STAINLESS
6A0109BV-NC		YES			
6A0109SN-NC	STAINLESS	NO	16.0	32.5	STAINLESS
6A0109SV-NC		YES			
6A0111BN-NC	BRASS	NO	22.0	45.0	CARBOLOY®
6A0111BV-NC		YES			
6A0111SN-NC	STAINLESS	NO	22.0	45.0	CARBOLOY®
6A0111SV-NC		YES			
6A0113BN-NC	BRASS	NO	45.0	100.0	STAINLESS
6A0113BV-NC		YES			
6A0113SN-NC	STAINLESS	NO	45.0	100.0	STAINLESS
6A0113SV-NC		YES			

**MODEL 6A01 OXYGEN FLOW METERS WITH DIRECT READING SCALES**

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-OB	BRASS	NO	1.1	2.5	GLASS
6A0101BV-OB		YES			
6A0101SN-OB	STAINLESS	NO	1.1	2.5	GLASS
6A0101SV-OB		YES			
6A0103BN-OB	BRASS	NO	2.5	5.0	STAINLESS
6A0103BV-OB		YES			
6A0103SN-OB	STAINLESS	NO	2.5	5.0	STAINLESS
6A0103SV-OB		YES			
6A0105BN-OB	BRASS	NO	3.5	7.0	CARBOLOY®
6A0105BV-OB		YES			
6A0105SN-OB	STAINLESS	NO	3.5	7.0	CARBOLOY®
6A0105SV-OB		YES			
6A0107BN-OB	BRASS	NO	8.0	16.0	GLASS
6A0107BV-OB		YES			
6A0107SN-OB	STAINLESS	NO	8.0	16.0	GLASS
6A0107SV-OB		YES			
6A0109BN-OB	BRASS	NO	15.0	30.0	STAINLESS
6A0109BV-OB		YES			
6A0109SN-OB	STAINLESS	NO	15.0	30.0	STAINLESS
6A0109SV-OB		YES			
6A0111BN-OB	BRASS	NO	20.0	42.5	CARBOLOY®
6A0111BV-OB		YES			
6A0111SN-OB	STAINLESS	NO	20.0	42.5	CARBOLOY®
6A0111SV-OB		YES			
6A0113BN-OB	BRASS	NO	45.0	90.0	STAINLESS
6A0113BV-OB		YES			
6A0113SN-OB	STAINLESS	NO	45.0	90.0	STAINLESS
6A0113SV-OB		YES			

**MODEL 6A01 CARBON DIOXIDE FLOW METERS WITH DIRECT READING SCALES**

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-CA	BRASS	NO	1.1	2.5	GLASS
6A0101BV-CA		YES			
6A0101SN-CA	STAINLESS	NO	1.1	2.5	GLASS
6A0101SV-CA		YES			
6A0103BN-CA	BRASS	NO	2.0	5.0	STAINLESS
6A0103BV-CA		YES			
6A0103SN-CA	STAINLESS	NO	2.0	5.0	STAINLESS
6A0103SV-CA		YES			
6A0105BN-CA	BRASS	NO	3.0	6.5	CARBOLOY®
6A0105BV-CA		YES			
6A0105SN-CA	STAINLESS	NO	3.0	6.5	CARBOLOY®
6A0105SV-CA		YES			
6A0107BN-CA	BRASS	NO	7.0	15.0	GLASS
6A0107BV-CA		YES			
6A0107SN-CA	STAINLESS	NO	7.0	15.0	GLASS
6A0107SV-CA		YES			
6A0109BN-CA	BRASS	NO	12.0	25.0	STAINLESS
6A0109BV-CA		YES			
6A0109SN-CA	STAINLESS	NO	12.0	25.0	STAINLESS
6A0109SV-CA		YES			
6A0111BN-CA	BRASS	NO	18.0	37.5	CARBOLOY®
6A0111BV-CA		YES			
6A0111SN-CA	STAINLESS	NO	18.0	37.5	CARBOLOY®
6A0111SV-CA		YES			
6A0113BN-CA	BRASS	NO	35.0	80.0	STAINLESS
6A0113BV-CA		YES			
6A0113SN-CA	STAINLESS	NO	35.0	80.0	STAINLESS
6A0113SV-CA		YES			

# ACRYLIC FLOW METERS

MODEL 6A01 ARGON FLOW METERS WITH DIRECT READING SCALES					
MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-AE	BRASS	NO	1.0	2.0	GLASS
6A0101BV-AE		YES			
6A0101SN-AE	STAINLESS	NO			
6A0101SV-AE		YES			
6A0103BN-AE	BRASS	NO	2.0	5.0	STAINLESS
6A0103BV-AE		YES			
6A0103SN-AE	STAINLESS	NO			
6A0103SV-AE		YES			
6A0105BN-AE	BRASS	NO	3.0	6.5	CARBOLOY®
6A0105BV-AE		YES			
6A0105SN-AE	STAINLESS	NO			
6A0105SV-AE		YES			
6A0107BN-AE	BRASS	NO	7.0	15.0	GLASS
6A0107BV-AE		YES			
6A0107SN-AE	STAINLESS	NO			
6A0107SV-AE		YES			
6A0109BN-AE	BRASS	NO	13.0	26.0	STAINLESS
6A0109BV-AE		YES			
6A0109SN-AE	STAINLESS	NO			
6A0109SV-AE		YES			
6A0111BN-AE	BRASS	NO	18.0	37.5	CARBOLOY®
6A0111BV-AE		YES			
6A0111SN-AE	STAINLESS	NO			
6A0111SV-AE		YES			
6A0113BN-AE	BRASS	NO	40.0	80.0	STAINLESS
6A0113BV-AE		YES			
6A0113SN-AE	STAINLESS	NO			
6A0113SV-AE		YES			

MODEL 6A01 WATER FLOW METERS WITH DIRECT READING SCALES					
MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-WA	BRASS	NO	20.0	0.3	GLASS
6A0101BV-WA		YES			
6A0101SN-WA	STAINLESS	NO			
6A0101SV-WA		YES			
6A0103BN-WA	BRASS	NO	70.0	1.1	STAINLESS
6A0103BV-WA		YES			
6A0103SN-WA	STAINLESS	NO			
6A0103SV-WA		YES			
6A0105BN-WA	BRASS	NO	100.0	1.5	CARBOLOY®
6A0105BV-WA		YES			
6A0105SN-WA	STAINLESS	NO			
6A0105SV-WA		YES			
6A0107BN-WA	BRASS	NO	175.0	2.75	GLASS
6A0107BV-WA		YES			
6A0107SN-WA	STAINLESS	NO			
6A0107SV-WA		YES			
6A0109BN-WA	BRASS	NO	450.0	6.5	STAINLESS
6A0109BV-WA		YES			
6A0109SN-WA	STAINLESS	NO			
6A0109SV-WA		YES			
6A0111BN-WA	BRASS	NO	700.0	11.0	CARBOLOY®
6A0111BV-WA		YES			
6A0111SN-WA	STAINLESS	NO			
6A0111SV-WA		YES			
6A0113BN-WA	BRASS	NO	1400	22.0	STAINLESS
6A0113BV-WA		YES			
6A0113SN-WA	STAINLESS	NO			
6A0113SV-WA		YES			

MODEL 6A01 HELIUM FLOW METERS WITH DIRECT READING SCALES					
MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-HA	BRASS	NO	2.0	4.0	GLASS
6A0101BV-HA		YES			
6A0101SN-HA	STAINLESS	NO			
6A0101SV-HA		YES			
6A0103BN-HA	BRASS	NO	5.0	10.0	STAINLESS
6A0103BV-HA		YES			
6A0103SN-HA	STAINLESS	NO			
6A0103SV-HA		YES			
6A0105BN-HA	BRASS	NO	8.0	17.0	CARBOLOY®
6A0105BV-HA		YES			
6A0105SN-HA	STAINLESS	NO			
6A0105SV-HA		YES			
6A0107BN-HA	BRASS	NO	18.0	40.0	GLASS
6A0107BV-HA		YES			
6A0107SN-HA	STAINLESS	NO			
6A0107SV-HA		YES			
6A0109BN-HA	BRASS	NO	35.0	70.0	STAINLESS
6A0109BV-HA		YES			
6A0109SN-HA	STAINLESS	NO			
6A0109SV-HA		YES			
6A0111BN-HA	BRASS	NO	55.0	110.0	CARBOLOY®
6A0111BV-HA		YES			
6A0111SN-HA	STAINLESS	NO			
6A0111SV-HA		YES			
6A0113BN-HA	BRASS	NO	110.0	250	STAINLESS
6A0113BV-HA		YES			
6A0113SN-HA	STAINLESS	NO			
6A0113SV-HA		YES			