

# ACRYLIC FLOW METERS

**An exceptional meter . . .**

## Applications

- Hydroponic systems.
- Deionized and ultrapure water systems.
- Photo and X-ray processing equipment.
- Pollution monitoring and control equipment.
- Chemical process indication.
- Electronic and microchip processing.
- Water and wastewater treatment systems.



**. . . for an exceptional price!**

**Series 6B41 Flow Meter**

## 6B41 FEATURES

- ✓ Tough Machined Acrylic Meter Body, Highly Polished Clear Finish.
- ✓ Easy to Read Direct Reading Dual Scale (GPM/LPM and SCFM/M³HR).  
Scale Length: 4" (100mm) for 6B41
- ✓ White Back Reflector for Easy Reading.
- ✓ F/NPT Adapters with High Grade Viton® O-Ring Seals and Aluminum "Stress Ring" Thread Supports.
- ✓ Standard Models #316 Stainless Steel or PVC Float (Optional Hastelloy® C-276).
- ✓ Standard Models #316 Stainless Steel Float Guide Rods (Optional Hastelloy® C-276).
- ✓ Acceptable in Direct Sunlight Applications.
- ✓ Easy To Assemble and Install.



Dimensional Chart		
Letter	6B41	6B42 and 6B43
A	8-3/16"	11"
B	1-1/4"	1-3/4"

## \*SPECIFICATIONS FOR 6B41, 6B42 & 6B43

FULL SCALE ACCURACY:	±5%.
MAXIMUM WORKING PRESSURE:	150 psig (10.3 Bar) @ 70 °F (21 °C).
MAXIMUM FLUID TEMPERATURE:	
POLYPROPYLENE ADAPTORS:	150 °F (65 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP:	2 PSI.
METER BODY MATERIAL:	Machined Acrylic.
ADAPTER MATERIAL:	Polypropylene.
O-RING SEALS:	Viton® (optional EP).
GUIDE ROD:	316 SS (optional Hastelloy®)
CALIBRATION FLUID:	Water, Specific Gravity 1.0.
APPROXIMATE SHIPPING WEIGHT:	<b>6B41:</b> 0.5 lbs. (0.23 kg). <b>6B42 and 6B43:</b> 2 lbs. (0.91 kg).

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

TABLE 13 MODEL 6B41 IN-LINE ACRYLIC FLOW METERS WITH 316 SS GUIDE RODS					
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT	PRICE
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>					
6B4100-01B	1/4" FNPT	0.025-0.250 GPM, 0.1-1.0 LPM	PVDF	8 3/16"	\$105.00
6B4100-01C	3/8" FNPT				
6B4100-02B	1/4" FNPT	0.050-0.500 GPM, 0.2-2.0 LPM	316 SS		
6B4100-02C	3/8" FNPT				
6B4100-03C	3/8" FNPT	0.1-1.0 GPM, 0.4-4.0 LPM	PTFE		\$90.00
6B4100-03D	1/2" FNPT				
6B4100-04C	3/8" FNPT	0.2-2.0 GPM, 1.0-7.5 LPM	316 SS	\$97.00	
6B4100-04D	1/2" FNPT				
6B4100-05C	3/8" FNPT	0.3-3.0 GPM, 1.5-11 LPM	316 SS		
6B4100-05D	1/2" FNPT				
6B4100-06C	3/8" FNPT	0.5-5.0 GPM, 2.0-20 LPM	316 SS		\$90.00
6B4100-06D	1/2" FNPT				
<b>STANDARD MODELS FOR AIR (SCFM/M³HR)</b>					
6B4100-25C	3/8" FNPT	0.20-2.0 SCFM, 0.4-3.2 M³HR	PVDF	8 3/16"	\$105.00
6B4100-25D	1/2" FNPT				
6B4100-26C	3/8" FNPT	0.75-7.5 SCFM, 1.0-10 M³HR	316 SS		\$90.00
6B4100-26D	1/2" FNPT				
6B4100-27C	3/8" FNPT	1.0-12.0 SCFM, 2.0-20 M³HR	316 SS		\$97.00
6B4100-27D	1/2" FNPT				
6B4100-28C	3/8" FNPT	2.0-20 SCFM, 4.0-34 M³HR	316 SS	\$90.00	
6B4100-28D	1/2" FNPT				

TABLE 13-1, MODEL 6B42 IN-LINE ACRYLIC FLOW METERS WITH 316 SS GUIDE RODS					
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT	PRICE
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>					
6B4200-01E	3/4" FNPT	1.0-10 GPM, 4.0-38 LPM	316 SS	11"	\$174.00
6B4200-01F	1" FNPT				
6B4200-02E	3/4" FNPT	1.0-17 GPM, 4.0-64 LPM			
6B4200-02F	1" FNPT				
6B4200-03E	3/4" FNPT	2.0-20 GPM, 8.0-80 LPM			
6B4200-03F	1" FNPT				
<b>STANDARD MODELS FOR AIR (SCFM/M³HR)</b>					
6B4200-25E	3/4" FNPT	4.0-45 SCFM, 8.0-80 M³HR	316 SS	11"	\$174.00
6B4200-25F	1" FNPT				
6B4200-26E	3/4" FNPT	5.0-75 SCFM, 10-125 M³HR			
6B4200-26F	1" FNPT				
6B4200-27E	3/4" FNPT	10-80 SCFM, 20-140 M³HR			
6B4200-27F	1" FNPT				

TABLE 13-2, MODEL 6B43 IN-LINE ACRYLIC SPECIALLY EQUIPPED WITH HIGH / LOW LEVEL ALARM*					
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT	PRICE
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>					
6B4300-01E	3/4" FNPT	0.2-2.0 GPM, 1.0-8.0 LPM	PVC	11"	\$371.00
6B4300-01F	1" FNPT				
6B4300-03E	3/4" FNPT	0.5-5.0 GPM, 2.0-20 LPM	316 SS		\$381.00
6B4300-03F	1" FNPT				
6B4300-05E	3/4" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS		
6B4300-05F	1" FNPT				
6B4300-07E	3/4" FNPT	2.0-20 GPM, 8.0-80 LPM	316 SS		
6B4300-07F	1" FNPT				

\*NOTE: These units have an aluminum sensor bezel clamp with an enclosed reed switch 1 watt (normally open). The clamp can be easily moved up or down the scale on the meter body. 25' 2 wire cable is included.