

# Calibration Cylinders



## Scale Options:

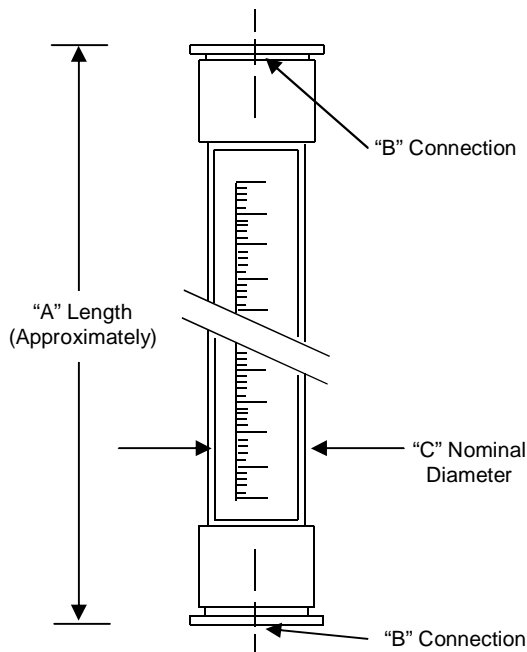
In Flow Rate (l/hr), based on a 1 minute test.  
In Volume (ml).

## Materials:

End Connections:  
Grey uPVC molded pressure fittings, class 18.  
Cylinder Tube:  
Clear, rigid PVC pipe, class 12.

## Optional Items:

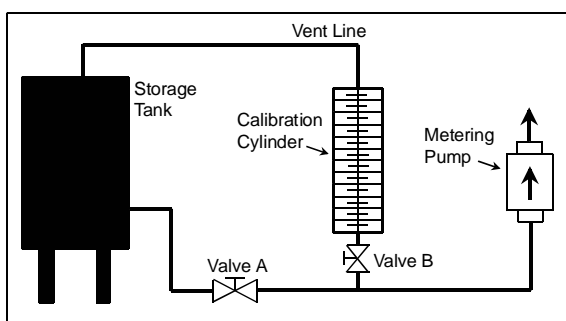
Ball Valves  
Vent Tube Connections  
Mounting Brackets  
Customized Sizes and scales



Size	"A"	"B"	"C"	Range*
100ml	~400mm	3/8"	25 mm	5 l/hr
250ml	~400mm	1/2"	40 mm	15 l/hr
500ml	~600mm	1/2"	40 mm	30 l/hr
1,000ml	~700mm	1/2"	50 mm	60 l/hr
2,000ml	~1200mm	1/2"	50 mm	120 l/hr
4,000ml	~700mm	1"	100 mm	250 l/hr

\*Range in l/hr is based on a 1 minute test. For lower ranges, use the volume scale and test for a longer period of time.

Emteq Calibration Cylinders provide an easy method to determine pump flow rate, in industry standard units of liters/hour. High contrast black lettering enhances readability in all light conditions, and all scales have a protective coating to protect against chemical attack. All sizes feature rugged construction using industrial grade PVC fittings.



## Operating Instructions for Direct Reading in l/hr

Install calibration cylinder on the suction side of pump as shown on the above drawing.

With valve A open and the pump operating, open valve B slowly until fluid level reaches the 0 mark.

Close valve A and begin timing with a stopwatch or wristwatch secondhand.

At the one minute mark, observe the fluid level. This is the actual flow rate in l/hr.

When not in use the calibration cylinder should be drained, valve B closed, and valve A opened.