



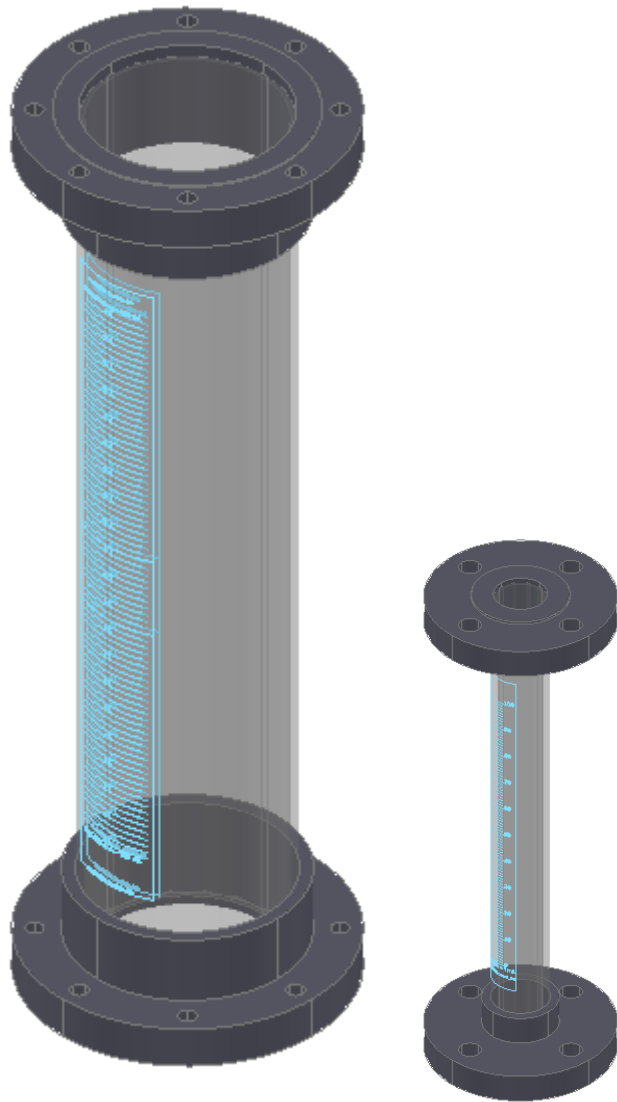
H2O Rx

Calibration Columns “Pressure Rated”

Calibration Columns allowing quick measurement to ensure accurate flow rates.

Used when commissioning and maintaining pumps to ensure accurate flow rates, these Calibration Columns have:

- ◆ **PVC calibration columns** – other materials and styles are available.
- ◆ **Van-Stone Style Flange Connections** to minimise potential leak points and simplify installation and maintenance. Flanges are standard ANSI 150#.
- ◆ **Scale in metric units** – read the volume in mL drawn during the measured time and immediately you have a dose rate.
- ◆ **Capacities from 100 mL (6 L/H) to 20 L (1200 L/H).**
- ◆ Tube is of **Schedule 40 uPVC**, flanges are Schedule 80 Grey uPVC.



H2O Rx

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Calibration Columns “Pressure Rated”

Part Number	Pressure Rating kPa*	Pump Rate (L/H)	Volume (L)	Scale Divisions (mL)	Overall Height (mm)	Overall Diameter (mm)	Process Connection ANSI 150# Flange
CP-100-F	1000	6	0.10	1	300	108	DN25
CP-250-F	1000	15	0.25	1	600	108	DN25
CP-500-F	750	30	0.50	5	425	152	DN50
CP-1000-F	750	60	1.00	5	675	152	DN50
CP-2000-F	750	120	2.00	10	700	191	DN80
CP-4000-F	750	240	4.00	10	775	229	DN100
CP-10000-F	500	600	10.00	100	700	343	DN200
CP-20000-F	500	1200	20.00	100	1025	343	DN200

* Pressures are quoted at 20 degC with water.

Operation is simple:

1. Stop the dosing pump.
2. Open Valve 'A' until the calibration column fills via gravity.
3. Close Valve 'B'.
4. Run the dosing pump for one minute.
5. Using a stopwatch time a 1 minute draw down and note the volume (mL)
6. Multiply this volume by 60 and divide by 1000 to convert to L/H dose rate.
7. Close Valve 'A' and open Valve 'B'.

