



H2O Rx

Polypropylene Calibration Column



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:

- **BSP connections to match Australian pipework** – allowing quick connection rather than finding adaptors to American Standard pipe threads.
- **Scale in metric units** – read the volume in mL drawn during the measured time and immediately you have a dose rate. No more converting US gallons.
- **Capacities from 100 mL (6 L/H) to 4 L (240 L/H).**
- **Polypropylene calibration columns** – for various chemicals. PVC and glass is also available.
- Our standard calibration columns are supplied with BSPF threaded **top and bottom connections** but if required, we can supply them open topped, with dust caps or NPTF threaded connections if preferred.

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Polypropylene Calibration Column

Part Number	Pump Rate (L/H)	Volume (L)	Scale Divisions (mL)	Overall Height (mm)	Overall Diameter (mm)	Process Connection
AC#2-100-B	6	0.10	1	235	35	½" BSPF
AC#2-250-B	15	0.25	2	295	45	½" BSPF
AC#2-500-B	30	0.50	5	330	60	½" BSPF
AC#2-1000-B	60	1.00	10	420	70	½" BSPF
AC#2-2000-B	120	2.00	20	495	85	1" BSPF
AC#2-4000-B	240	4.00	50	560	110	1" BSPF

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'.

