



Prochem Calipots are used to confirm correct dosing rates from system dosing pumps. The calibration pot is normally filled to a set level and the dosing pumps then fed from it for a pre-set period - usually one minute. The pumping rate is then checked against the time-calculated flow rate. They are normally a permanent part of the installation and although normally fitted to the suction side of the pump Calipots can be fitted to the discharge side under some circumstances.

DESIGN

Prochem Calipots are manufactured in PVC end caps and tube. Also in PVC, polypropylene, PVDF, PTFE, stainless steel, or exotic metals with borosilicate glass. All standard Calipots are designed for atmospheric pressure operation only but higher operating pressure units can be supplied to order. Scales are printed PVC vinyl up to 2.0 litre, other sizes and specials are engraved Traffolyte red/white.

METAL & OTHER PLASTIC UNITS use a rugged precision borosilicate glass measuring cylinder which is clamped between the solid base and top using stainless steel tie rods and 'O' ring seals. The scale is mounted directly on the glass cylinder and protective PVC or mesh shrouds are available as an option for rough or toxic duty applications. PFA coating of the glass calipot bore is also an option to prevent etching in certain applications. Sizes up to 40 litre capacity.

PVC UNITS utilize a transparent PVC tube and solid PVC base and top. Two types are available - base plate(BPM) and backboard mounted (BBM). In both cases the scale is mounted directly on the measuring cylinder. Sizes upto 75 litre capacity.

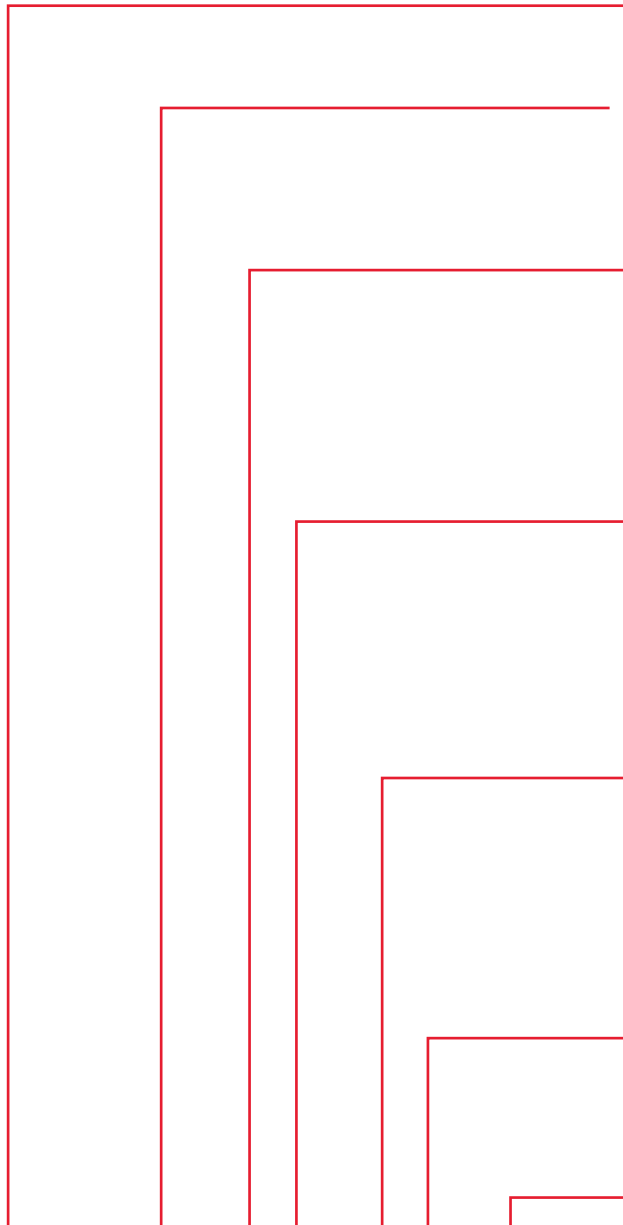
SIZES & CONNECTIONS

The standard capacities and connections for PVC and glass units are as follows. All units can be supplied with either screwed or flanged outlet connections but non-standard connections such as unions can also be supplied. If space is a premium we have a range of compact versions which are available by request.

CAPACITY (Ltr.)	0.05	0.125	0.25	0.5	1.0	2.0	2.5	3.0	4.0	5.0	7.5	10.0	15
Feed & Vent-PVC	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"
Feed & Vent-GLASS	1/4"	3/8"	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"	1"	1"

CAPACITY (Ltr.)	20	25	30	35	40	45	50	55	60	65	70	75	80
Feed & Vent-PVC	1"	1"	1"	1"	2"	2"	2"	2"	2"	2"	2"	2"	2"
Feed & Vent-GLASS	1"	1"	1"	1"	1"								

HOW TO SPECIFY YOUR CALIPOT:



CALIPOT SIZE (LTR)

PVC 0.05-80
GLASS 0.05-40

CALIPOT (C) OR CALIPOT WITH SHROUD (CS) GLASS TYPE ONLY

FEED CONNECTION

1 - SCREWED BSP
2 - WELD UNION IMPERIAL
3 - WELD UNION METRIC
4 - FLANGED ANSI 150
5 - FLANGED PN10 1902-1
6 - SCREWED NPT
7 - OTHER

VENT CONNECTION

1 - SCREWED BSP
2 - WELD UNION IMPERIAL
3 - WELD UNION METRIC
4 - FLANGED ANSI 150
5 - FLANGED PN10 1902-1
6 - SCREWED NPT
7 - OTHER

CAP MATERIAL

0 = PVC-U
1 = POLYPROP
2 = PVDF
3 = 316SS
4 = HAST C276
5 = TITANIUM GR2
6 = ALLOY 20
7 = OTHER

TUBE/DETAILS

0 = PVC-U/BBM
1 = PVC-U/BPM
2 = GLASS/FPM
3 = GLASS/PFTE
4 = GLASS/EPDM
BBM = BACK BOARD MOUNT
BPM = BASE PLATE MOUNT

SPECIAL FEATURES (PLEASE SPECIFY)

x LTR - C - x x - x x - x

EXAMPLE CALIPOTS:

2.0 LTR-C-11-00 - 2 LITRE PVC CALIPOT, BACKBOARD MOUNT, SCREWED BSP CONNECTIONS BOTH ENDS

0.125 LTR-C-44-32 - 0.125 LITRE STAINLESS STEEL AND BOROSILICATE GLASS CALIPOT, ANSI 150 FLANGED CONNECTIONS WITH FPM O RINGS

1.0 LTR-CS-51-33 - 1 LITRE STAINLESS STEEL AND BOROSILICATE GLASS SHROUDED CALIPOT, FEED FLANGED PN10, VENT SCREWED BSP WITH PTFE O RINGS

