

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 of 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-U end caps and tube. Also in PVC, PVC-C, 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 litres, other sizes and specials are engraved Traffolyte red/white. Inverted scales and other graduations available.

**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 316L stainless steel caged 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. Acrylic tube instead of borosilicate glass is a possible option on most sizes, please check with Prochem technical department.

**PVC-U UNITS** utilize a transparent PVC tube and solvent welded PVC-U base and top. Two types are available – in-line mounted (BBM) and on larger sizes [20 litres plus] baseplate mounting (BPM). In both cases the scale is mounted directly on the measuring cylinder. Sizes up to 75 litre capacity.

## SIZES & CONNECTIONS

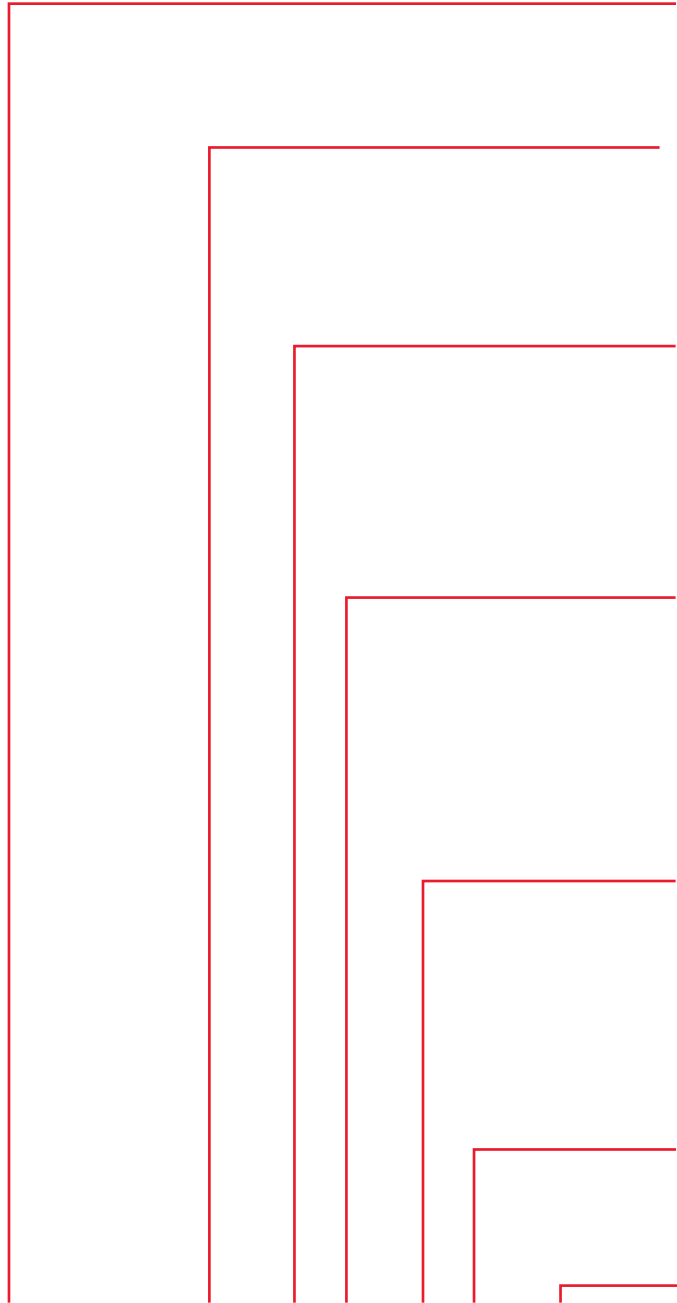
The standard capacities and connections for PVC-U and borosilicate glass units are as follows. All units can be supplied with either screwed or flanged outlet connections but non-standard connections such as unions and different size threads can also be supplied. If space is a premium we have a range 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-U 0.05-80  
GLASS 0.05-40

## CALIPOT TYPE

C = STANDARD  
CC = COMPACT  
CS = STANDARD WITH SHROUD  
CCS = COMPACT WITH SHROUD

## FEED CONNECTION [BOTTOM]

1 - SCREWED BSP  
2 - WELD UNION IMPERIAL  
3 - WELD UNION METRIC  
4 - FLANGED ANSI 150  
5 - FLANGED PN10/16 1902-1  
6 - SCREWED NPT  
7 - OTHER

## VENT CONNECTION [TOP]

1 - SCREWED BSP  
2 - WELD UNION IMPERIAL  
3 - WELD UNION METRIC  
4 - FLANGED ANSI 150  
5 - FLANGED PN10/16 1902-1  
6 - SCREWED NPT  
7 - OTHER

## CAP MATERIAL

0 = PVC-U  
1 = POLYPROPYLENE  
2 = PVDF  
3 = 316SS  
4 = HASTELLOY C276  
5 = TITANIUM GRADE 2  
6 = ALLOY 20  
7 = PVC-C  
8 = OTHER

## TUBE/DETAILS

0 = PVC-U/BBM  
1 = PVC-U/BPM  
2 = GLASS/FPM  
3 = GLASS/FEP  
4 = GLASS/EPDM  
BBM = IN-LINE MOUNT  
BPM = BASE PLATE MOUNT

## SPECIAL FEATURES (PLEASE SPECIFY)

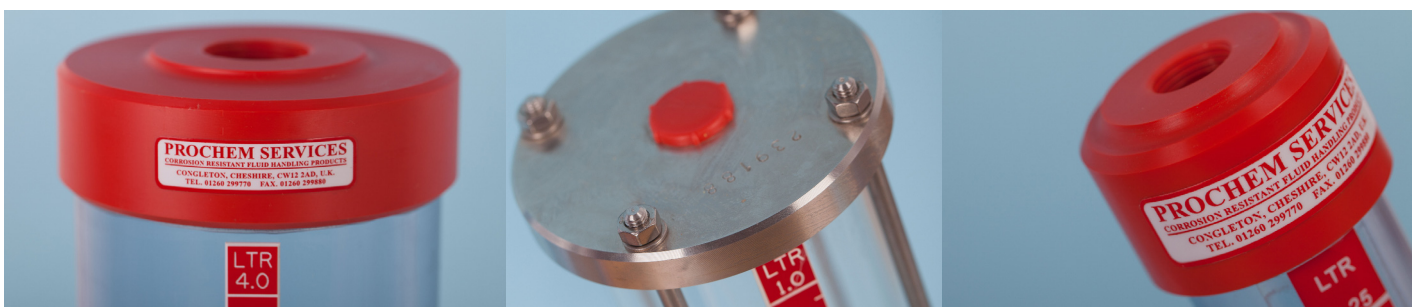
**x LTR - x - x x - x x - x**

### EXAMPLE CALIPOTS:

2.0LTR-C-11-00 - TWO LITRE PVC CALIPOT, IN-LINE MOUNT, SCREWED BSP CONNECTIONS BOTH ENDS

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

1.0LTR-CS-51-33 - ONE LITRE STAINLESS STEEL AND BOROSILICATE GLASS SHROUDED CALIPOT, FEED FLANGED PN10/16, VENT SCREWED BSP WITH FEP O-RINGS



SUBJECT TO CHANGE WITHOUT NOTICE