



ACCUDRAW® Calibration Cylinders



Polypropylene



PVC



Glass



- PVC with removable "O" ring sealed top for easy cleaning
- yellow polypropylene level indicator float for high visibility

ACCUDRAW® has been developed for the accurate calibration of metering pumps. Standard features include:

- translucent
- chemical resistant
- break resistant
- threaded, socket or flanged
- colored graduations and lettering
- PVC has dual scale USGPH & ml
- PVC sizes 100 - 20000 ml
- POLY sizes 100 - 4000 ml
- POLY meets ISO standards
- Glass sizes 100 - 20000 ml
- custom designs available

For detailed product information visit our website: primaryfluid.com





ACCUDRAW® Calibration Cylinders

"For Accuracy That Counts"

For complete product information visit our website: primaryfluid.com



Flanged: Glass, PVC



Flanged: PVC



PV#4

Sizing and Ordering Information:

ACCUDRAW Standard Materials of Construction

- AC = All polypropylene construction (see below for options)
- PV = All polyvinylchloride construction (see below for options)
- ACS = Glass*

Example: AC#1-1000B

- AC = PP (polypropylene)
- #1 = Bottom threaded connection only
- 1000 = 1000 ml
- B = BSP Thread

Note: Cylinders are NOT pressure vessels

e.g. Part # **AC #1 - 1000 B**

Type:

- AC = Polypropylene
- PV = PVC
- ACS = Glass

Style:

- 1 = Bottom threaded conn. only
- 2 = Top and Bottom threaded conn.
- 3 = Bottom threaded conn. c/w removable vented dust cap
- 4 = Top/Bottom threaded conn. c/w removable "O" ring sealed top and float ring level indicator

*Glass calibration cylinders available in Style 2 only

Graduation Scale:

- PP - ml only
- PVC - ml and GPH
- Glass - ml only

Std. connection is NPT thread

Optional: add suffix as follows

- S = Socket weld connection (PVC only)
- GTV = Glass/TFE construction
- GKV = Glass/PVDF construction
- GCV = Glass/CPVC construction
- GSV = Glass/SS construction
- B = BSP Thread
- F = Flanged

Substitute **E** for **V** for EPDM wetted "O" ring seal

Sizes:

100 = 100 ml (1.6 GPH)	PP, PVC, Glass
250 = 250 ml (4 GPH)	PP, PVC, Glass
500 = 500 ml (8 GPH)	PP, PVC, Glass
1000 = 1000 ml (16 GPH)	PP, PVC, Glass
2000 = 2000 ml (32 GPH)	PP, PVC, Glass
4000 = 4000 ml (64 GPH)	PP, PVC, Glass
6000 = 6000 ml	Glass only
8000 = 8000 ml	Glass only
10000 = 10000 ml (160 GPH)	PVC, Glass
20000 = 20000 ml (320 GPH)	PVC, Glass

Material

Custom sizes and materials available.



ACCUDRAW® Calibration Cylinders



ACCUDRAW® Glass Calibration Cylinders are ideal for the calibration of metering pumps, batch systems and for handling hazardous chemicals.

- volumes calibrated in ml
- construction materials available include TFE, PVDF, CPVC and 316 stainless steel
- sealing "O" rings are Viton and Buna N
- outer shield of acrylic construction
- port connections in NPT, metric or flanged
- standard sizes 100 - 20,000 ml
- custom designs available to your specifications

Sizing and Ordering Information: Glass Construction

Size	Conn.	Model # For TFE End Flgs	Model # For 316 S/S End Flgs	Model # For PVDF End Flgs	Model # For CPVC End Flgs
100 ml	1/2" NPT	ACS#2-100-GTV	ACS#2-100-GSV	ACS#2-100-GKV	ACS#2-100-GCV
250 ml	1/2" NPT	ACS#2-250-GTV	ACS#2-250-GSV	ACS#2-250-GKV	ACS#2-250-GCV
500 ml	1/2" NPT	ACS#2-500-GTV	ACS#2-500-GSV	ACS#2-500-GKV	ACS#2-500-GCV
1000 ml	1/2" NPT	ACS#2-1000-GTV	ACS#2-1000-GSV	ACS#2-1000-GKV	ACS#2-1000-GCV
2000 ml	1" NPT	ACS#2-2000-GTV	ACS#2-2000-GSV	ACS#2-2000-GKV	ACS#2-2000-GCV
4000 ml	1" NPT	ACS#2-4000-GTV	ACS#2-4000-GSV	ACS#2-4000-GKV	ACS#2-4000-GCV
6000 ml	1" NPT	ACS#2-6000-GTV	ACS#2-6000-GSV	ACS#2-6000-GKV	ACS#2-6000-GCV
8000 ml	2" NPT	ACS#2-8000-GTV	ACS#2-8000-GSV	ACS#2-8000-GKV	ACS#2-8000-GCV
10000 ml	2" NPT	ACS#2-10000-GTV	ACS#2-10000-GSV	ACS#2-10000-GKV	ACS#2-10000-GCV
20000 ml	2" NPT	ACS#2-20000-GTV	ACS#2-20000-GSV	ACS#2-20000-GKV	ACS#2-20000-GCV

Descriptions:

TFE, PVDF and CPVC End Flanges:

Glass cylinder with acrylic outer shield and 3/4" thick (TFE, PVDF or CPVC) end flanges

316 S/S End Flanges:

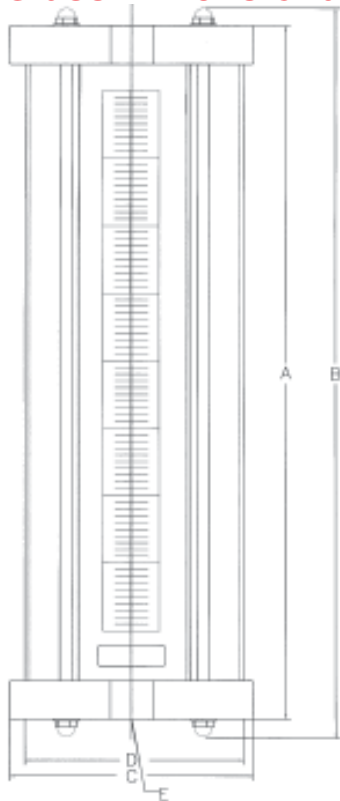
Glass cylinder with acrylic outer shield and 1/2" thick 316 Stainless Steel end flanges

Cylinders are bolted together using stainless steel rods with Viton "O" rings for the glass seal and Buna N "O" rings for the acrylic seal. For EPDM "O" rings, substitute "E" for "V".

Options available: (may affect price and delivery)

- different type or size of thread connection, different "O" ring material, different flange material

Glass Dimensional Information



Note: Cylinders are not pressure vessels.

Dimensions subject to change without notice.

Glass cylinders with TFE, PVDF or CPVC End Flanges

Size ml	DIV ml	A inches	B inches	C inches	D inches	E thread
100	1.00	10.00	11.00	3.00	2.50	1/2" FNPT
250	2.00	12.75	13.50	3.50	3.00	1/2" FNPT
500	5.00	14.50	15.50	4.00	3.50	1/2" FNPT
1000	10.00	16.75	17.75	4.75	4.25	1/2" FNPT
2000	20.00	18.75	19.75	5.50	5.00	1" FNPT
4000	25.00	22.50	23.50	6.50	6.00	1" FNPT
6000	50.00	20.13	21.16	8.00	7.50	1" FNPT
8000	50.00	24.63	25.66	8.00	7.50	2" FNPT
10000	50.00	30.13	31.16	8.00	7.50	2" FNPT
20000	200.00	43.25	44.25	9.00	8.50	2" FNPT

Glass cylinders with 316 Stainless Steel End Flanges

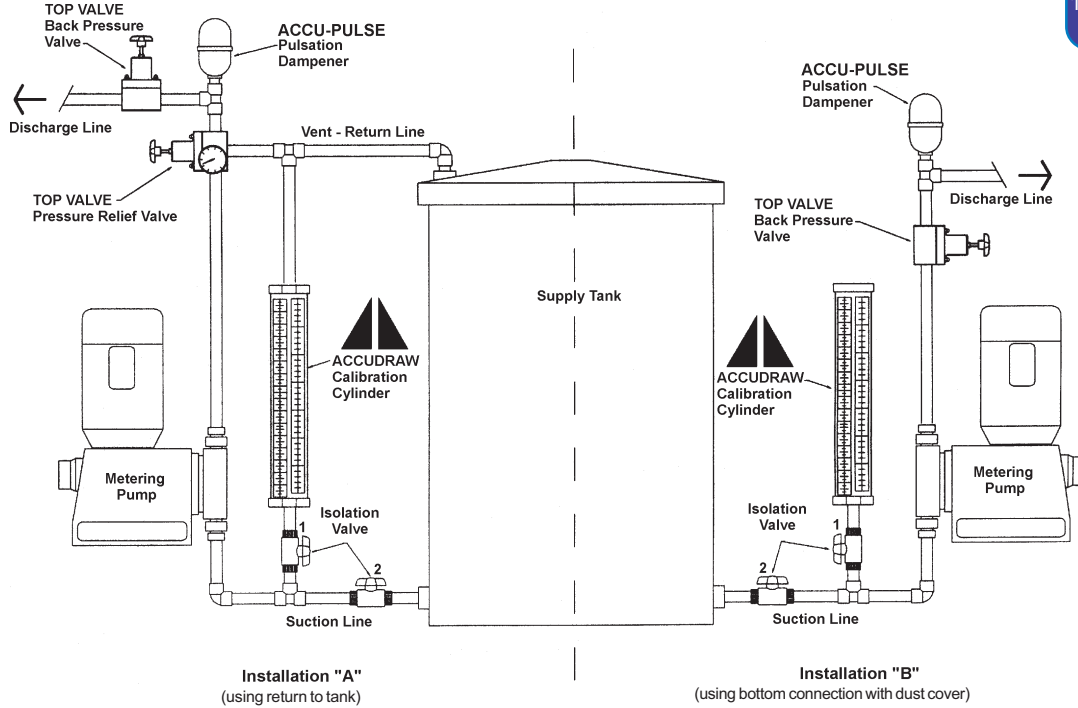
Size ml	DIV ml	A inches	B inches	C inches	D inches	E thread
100	1.00	9.50	10.50	3.00	2.50	1/2" FNPT
250	2.00	12.25	13.00	3.50	3.00	1/2" FNPT
500	5.00	14.00	15.00	4.00	3.50	1/2" FNPT
1000	10.00	16.25	17.25	4.75	4.25	1/2" FNPT
2000	20.00	18.25	19.25	5.50	5.00	1" FNPT
4000	25.00	22.00	23.00	6.50	6.00	1" FNPT
6000	50.00	19.63	20.66	8.00	7.50	1" FNPT
8000	50.00	24.13	25.16	8.00	7.50	2" FNPT
10000	50.00	29.63	30.66	8.00	7.50	2" FNPT
20000	200.00	42.75	43.75	9.00	8.50	2" FNPT



ACCUDRAW® Calibration Cylinders

Installations

Conversion Factors
 1 ml = 1 cc
 1000 ml = 1 liter
 ml/sec X 60 = ml/min
 1 US gal/min X 0.063 = liters/sec
 1 US gal = 3.786 liters



Other available products at www.primaryfluid.com

TOP VALVE Back Pressure/Pressure Relief



- long life diaphragm
- range of 15 - 350 PSIG
- air release, optional gauge port
- PVC, CPVC, PVDF, Teflon, polypropylene, stainless, Alloy 20 and Hastelloy C
- 7 sizes 1/4" - 2" NPT
- color coded handles indicate size
- higher pressure & temperature available

PFS Corporation Stops



Designed to inject chemical into the center stream of process.

- isolation valve allows for ease of maintenance
 - available in 6 materials of construction
 - wetted components have comparable or greater chemical resistance than quill construction material
 - standard and custom lengths available
 - connection in NPT, metric or flanged
- Custom built in other sizes & materials.**

ACCUPULSE Pulsation Dampeners



Designed to remove pulsating flows from positive displacement pumps.

- increase system efficiency and pump life; decrease maintenance and costs
- protect pipes, meters, valves and instrumentation from pulsation and vibration
- ensure meter accuracy, longevity and repeatability
- prevent foaming and splashing
- extensive range of materials and sizes with lightweight, compact design

Distributed By:



PRIMARY FLUID
SYSTEMS INC.

Call Toll Free 1-800-776-6580

Tel: (905) 333-8743

Fax: (905) 333-8746

Distribution Territories Available E-Mail: primary@primaryfluid.com
www.primaryfluid.com

