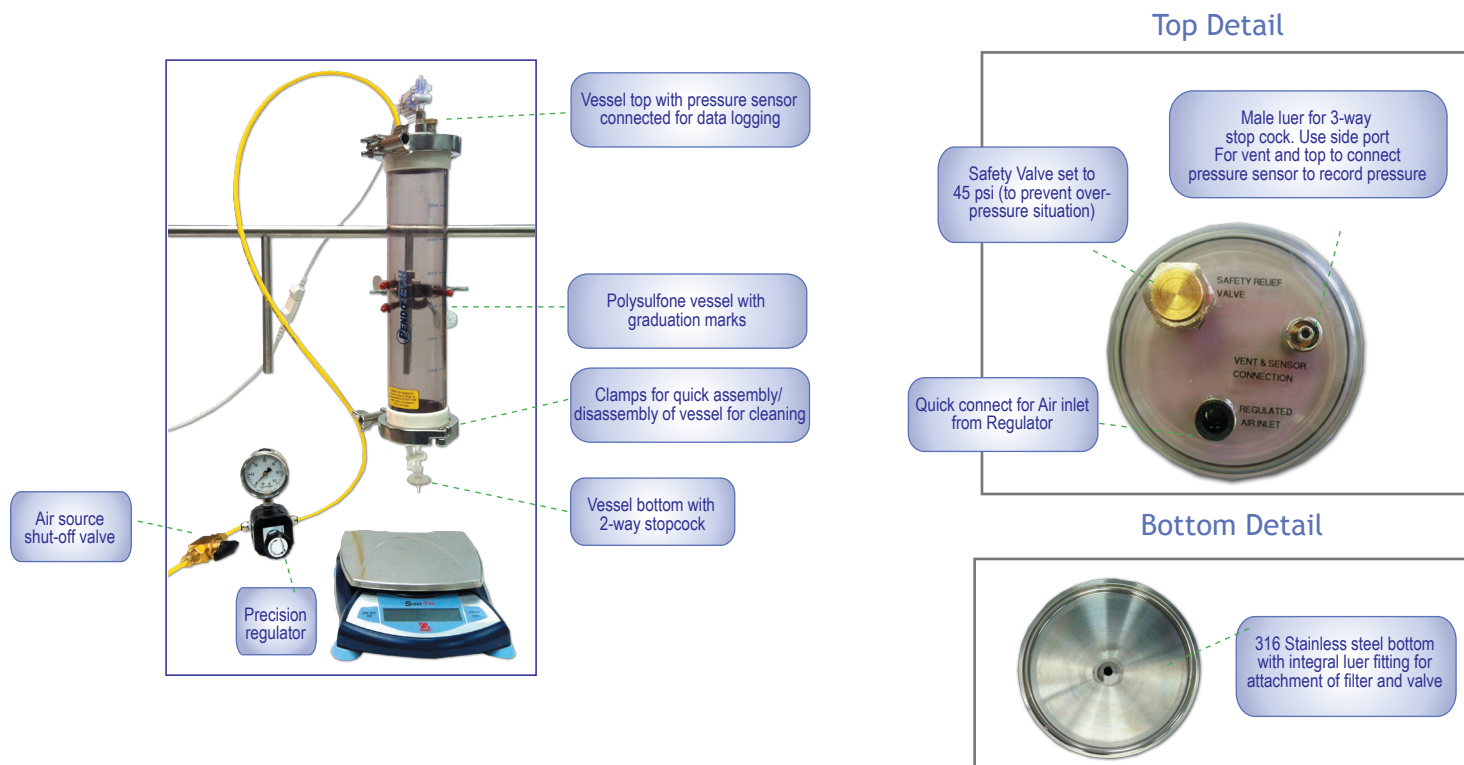


## Product Information & Instructions

### Pressure Vessel with Regulated Pressure Source

The operation is simple- air pressure is supplied to a regulated pressure and when ready to start, the 2-way valve at the bottom outlet of the vessel is opened. The complete setup includes the hardware to attach to a ring stand, but not the stand.



### Instructions

- 1) Air source shut-off valve before the regulator should be closed also
- 2) Attach vessel to the ring stand with included hardware
- 3) Attach the vessel bottom with clamp and gasket
- 4) Install 2-way stop cock on the bottom and make sure it is closed (perpendicular to flow path)  
Note: At this point you can fill with water to check for leaks before adding product if desired. But with water or product follow the following steps
- 5) Fill the vessel with liquid
- 6) Attach top with clamp and gasket
- 7) Install 3-way stop cock on top which can serve as vessel manual vent and also allow a pressure sensor to be connected to log test pressure
- 8) If desired, attach a piece of tubing with a luer-barb adapter to direct the vent to a specific location
- 9) Install the test filter at the bottom of the 2-way stop cock
- 10) When ready to run, open the air source shut-off valve and regulate the pressure to the vessel
- 11) At the same time the Run-time counter is started, open the 2-way stop cock at the bottom of the vessel and liquid flow will start
- 12) When complete, close the air source shut-off valve and pressure may start to drop but the 3-way stop cock on top can be used to manually relieve the pressure

**WARNING:** Not designed for use above 60psi (4.1 bar) at room temperature. DO NOT USE if visible cracks are present in vessel or end caps.

The price includes the hardware to attach to a ring stand, but not the stand.

**PDKT-NFFSS-CP** - Constant pressure vessel: 0-25psi regulator, 0-60psi gauge, 12in polysulfone container with 2.5in TC (~800mL) with outfitted endcaps

**Includes:**

PART NUMBER	DESCRIPTION	QTY
MC-6162K23	Precision Air Regulator 1/4 Pipe, 2 to 25 PSI Range, 150 PSI max input	1
MC-5779K109	Push-to-Connect Fitting Adapter for 1/4" Tube OD X 1/4" NPT Male Pipe	2
MC-5779K108	Push-to-Connect Fitting Adapter for 1/4" Tube OD X 1/8" NPT Male Pipe	1
MC-5548K65	Tubing-yellow for push-to-connect fitting; for use with compressed air up to 150 psi @ 75° with 1/4inch OD	4ft
MC-4003K11-60	Gauge for pressure setting Type 304 stainless steel and lens is polycarbonate.	1
800MLPS	Polysulfone cylinder with 2.5 inch TC ends for 800mL vessel with 2 TC clamps	1
MC-4566K12	Brass Ball Valve With Yor-lok Fittings, Ultra-high-pressure, for 1/4" Tube Od	1
MC-4520K46	2.5 inch sanitary gasket- silicone	2
CP-30600-00	2 way male/female luer stopcock	1
CPV-VENT-45	Vent relief valve with reflector cap with 45psi cracking pressure	1
CPV-BASE25	Stainless steel base with male luer for Polysulfone 800mL vessel with 2.5 inch TC ends	1
CPV-TOP25	Polysulfone top with male luer, 1/4"OD tuber QC, and safety vent for Polysulfone 800mL vessel with 2.5 inch TC ends	1
CP-08021-16	3 prong clamp to hold vessel	1
CP-08041-20	Holder for clamp for attachment to stand	1
MC-51465K155	Nickel-Plated Brass male luer, to 1/8" Male NPT	1
PDKT-V3PC-000	Polycarbonate 3-way luer stopcock	1

For warranty information see our website at <http://www.pendotech.com/warranty>