

PMS 600, 1000 and 1505D Pressure Chamber Instruments

Product Overview

Models PMS- 600, 1000 and 1505D Pressure Chamber Instruments are the classic design pressure chambers which have been in use for over 40 years. The models have an analog or digital read-out and are connected to an external supply of nitrogen. The instrument is fully enclosed in a sealed case for the greatest protection from the elements. The instrument is lightweight, making this ideal for use in the field, glasshouse or laboratory.



PMS 600 Pressure Chamber Instrument

The PMS 600 is the classic, highly portable pressure chamber which has been a favourite for growers making routine water measurements and irrigation scheduling. The maximum operating pressure is 40 Bar (4 MPa).

Standard sealing option is a ¼ inch Compression Gland Gasket and Insert which is ideal for most woody crops. Other sealing options for bladed grass or other semi-round sizes are available.

PMS 1000 Pressure Chamber Instrument

The PMS 1000 is the classic, highly portable pressure chamber which has been a favourite for growers making routine water measurements and irrigation scheduling. The maximum operating pressure is 70 Bar (7 MPa). This instrument is ideal for work on highly water-stressed plants, arid environments, and for pressure volume curves.

Standard sealing option is a ¼ inch Compression Gasket and Insert which is ideal for most woody crops. Other sealing options for bladed grass or other semi-round sizes are available.



PMS 1505D Pressure Chamber Instrument

The PMS 1505D Pressure Chamber Instrument is similar to the PMS1000 model however it has a digital read-out. The maximum operating pressure is 100 Bar (10 MPa). This instrument is ideal for work on highly water-stressed plants, arid environments, and for pressure volume curves.

The digital read-out offers features such as backlighting and multiple pressure scales (Bar, MPa and PSI). Standard sealing option is a ¼ inch Compression Gasket and Insert which is ideal for most woody plants. Other sealing options for bladed grass or other semi-round sizes are available.



PMS 600, 1000 and 1505D Pressure Chamber Instrument Specifications

PMS 600 Specifications:

Maximum Operating Pressure	40 bar / 600 PSI
Chamber Construction	Anodized Solid Stock Aluminum
Maximum Supply Tank Pressure:	200 BAR/ 3000 PSI
Weight:	13 Lbs / 6 Kg

PMS 1000 Specifications:

Maximum Operating Pressure	70 bar (7 MPa)
Chamber Construction	Solid Stock Stainless Steel
Read-out	Bourdon Tube Guage Bar, PSI Scale
Size: (L x W x H)	13 × 11 × 10 inches, 33 × 28 × 24 cm
Weight:	20 Lbs / 9 Kg
Gauge:	6" Diameter Gauge, 1/2 of 1% accuracy

PMS 1505D Specifications:

Maximum Operating Pressure	100 bar (10 MPa)
Chamber Construction	Solid Stock Stainless Steel
Read-out	Digital Gauge (Reads in Bar, MPa or PSI)
Size: (L x W x H)	13 × 11 × 10 inches, 33 × 28 × 24 cm
Weight:	17 Lbs / 8 Kg
Gauge:	2.5" Diameter Gauge, 1/2 of 1% accuracy