

# PMS 615, 615D and 1515D Pressure Chamber Instruments

## Product Overview

Models PMS- 615, 615D and 1515D Pressure Chamber Instruments are designed with a portable, lightweight aluminium nitrogen cylinder (20 cubic foot). The instrument is fully enclosed in a sealed case for the greatest protection from the elements. The nitrogen cylinder is secured with 2 inch heavy duty Velcro straps within the case which can be quickly replaced with a full cylinder. Additionally, 5 tie-down rings for mounting to an ATV or quad bike is available, making these models of pressure chambers the most portable for field work.



## PMS-615 Pressure Chamber Instrument

The PMS-615 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-615D Pressure Chamber Instrument

The PMS-615D is similar to the classic PMS-615 model however it has a convenient digital read-out. The PMS-615D is a highly portable pressure chamber for growers making routine water measurements and irrigation scheduling. The maximum operating pressure is 34 Bar (3.4 MPa).

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 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-1515D Pressure Chamber Instrument

The PMS-1515D Pressure Chamber Instrument is a new release. It is similar to the PMS-615D model however it has a maximum operating pressure of 100 Bar (10 MPa). The PMS-1515D is a highly portable pressure chamber for growers making routine water measurements and irrigation scheduling. It can also be used in scientific research 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 Gland Gasket and Insert which is ideal for most woody plants. Other sealing options for bladed grass or other semi-round sizes are available.



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## PMS 615, 615D and 1515D Pressure Chamber Instrument Specifications

<b>PMS 615 Specifications</b>	
Maximum Operating Pressure	40 bar (4 MPa)
Chamber Construction	Hard Anodized Solid Stock Aluminum
Read-out	Bourdon Tube Bar – PSI Scale
Size: (L x W x H)	22 × 15 × 10 inches, 56 × 38 × 26 cm
Weight:	30 Lbs / 14 Kg
Gauge:	4.5" Diameter Gauge, 1/2 of 1% accuracy

<b>PMS 615D Specifications</b>	
Maximum Operating Pressure	34 bar
Chamber Construction	Anodized Aluminum Chamber
Read-out	Digital Gauge (Reads in Bar, MPa or PSI)
Size: (L x W x H)	22 × 15 × 10 inches, 56 × 38 × 26 cm
Weight:	29 Lbs / 13 Kg
Gauge:	2.5" Diameter Gauge, 1/2 of 1% accuracy

<b>PMS 1515D Specifications</b>	
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)	22 × 15 × 10 inches, 56 × 38 × 26 cm
Weight:	35 Lbs / 16 Kg
Gauge:	2.5" Diameter Gauge, 1/2 of 1% accuracy



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