



- Standard gasket fits all crops with up to 6mm (0.25") petiole like cotton.
- Optional supply of gasket for citrus leaves, corn, sorghum etc. upon request.

Specifications:

- Accuracy: $\pm 1\%$ full scale.
- Size: W355 x D280 x H175mm.
- Weight: 7kg.
- Battery: 9V.
- Data hold.
- Memory record-Max./Min.
- RS-232 output for datalogger option.
- Applicable software windows version.

Pressure Meter:

- Certified under ISO-9001, CE, IEC-1010 regulations.
- Can cooperate with various sensors for different plant species (5,10,20,35,70bar).

Ordering Information:

Arimad-3000S - ☐ 5,10,20,35,70

ARIMAD-3000/3000S, Plant Water Potential Measurement Device for Agricultural use

- Pressure chamber method demonstrating the plant's reaction to moisture excess or deficiency.
- Enables adjustments of irrigation schedule.

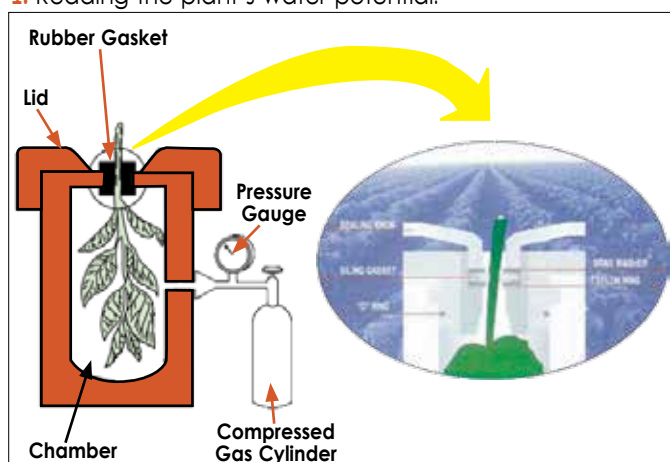
ARIMAD keeps you in touch with your crop's water status!

Provides Indication of:

- Prevailing soil moisture stress.
- Influence of environmental changes-heat load, humidity, wind, salinity etc.
- Plant moisture stress.
- Changes in growth, proteins & photosynthesis.

Simple & Short Procedure of 4 Steps:

1. Selecting a representative leaf.
2. Preparing the instrument.
3. Inserting pressured gas in the chamber.
4. Reading the plant's water potential.



Low Tension values (~3bar) - High water potential, sufficient water for plant growth.

High Tension values (~20bar) - Low water potential, adjustments of water supply needed.

ARIMAD-3000

Measuring Range:

Sensor type	5 bar		10 bar		20 bar		35 bar		70 bar	
	Max. range	Resolution	Max. range	Resolution	Max. range	Resolution	Max. range	Resolution	Max. range	Resolution
bar	5	0.005	10	0.01	20	0.02	35	0.05	70	0.1
psi	72.5	0.1	145	0.2	290	0.2	508	1	1015	2
Kg/cm2	5.095	0.005	10.19	0.01	20.40	0.02	35.7	0.05	71.38	0.1
mm/Hg	3750	5	7500	10	15000	20	26252	50	52504.5	100
inch/Hg	147.6	0.1	295.2	0.2	590.5	0.5	1033	1	2067	2
meter/H2O	50.95	0.05	101.9	0.1	204.0	0.2	356.9	0.5	713.8	1
inch/HF2O	2006	2	4010	5	8020	10	14052	20	28103	50
Atmosphere	4.935	0.005	9.87	0.01	19.74	0.02	34.54	0.05	69.08	0.1

