



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

Contents

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This wishlist was generated on 08/08/2017, and contains the following Products:

540-315

Plant Water Status Console with Tank

540-310

Plant Water Status Console, No Tank



Plant Water Status Console with Tank

Code: [540-315](#)

Product Group: [Plant physiology](#)

· 7" Pressure Vessel, G2 Specimen Holder, 40 Bar Gauge.

Tension in plant xylem can be measured using a plant water status console device. The petiole of a leaf or stem is placed in a rubber grommet so the leaves are inside the pressure chamber and the stem is outside at atmospheric pressure. By pressurizing the chamber and watching the point where the sap oozes out of the stem at atmospheric pressure the two forces are in balance.

The Plant Water Status Console is supplied with a compressed gas cylinder and connected to a pressure regulator for field operation. The pressure regulator has been set at the factory for the maximum operation pressure of the unit which, for standard units, is 600 psi.

Further Information

Various sizes of specimen holders, Pressure Vessels and Gauges are available upon request.



Plant Water Status Console, No Tank

Code: [540-310](#)

Product Group: [Plant physiology](#)

· 12" Pressure Vessel, G4 Specimen Holder, 40 Bar Gauge.

Tension in plant xylem can be measured using a plant water status console device. The petiole of a leaf or stem is placed in a rubber grommet so the leaves are inside the pressure chamber and the stem is outside at atmospheric pressure. By pressurizing the chamber and watching the point where the sap oozes out of the stem at atmospheric pressure the two forces are in balance.

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