



Technical Help

Plant Moisture Systems

Safety Features

Skye's Plant Moisture Pressure System for the measurement of Plant Water Potential has a number of safety features included, with added advantages over competitor's systems.

The main chamber is machined from a single piece of solid, high grade brass. There are no metal joins and seams to fail under high pressures, as with our competitors systems.

The chamber head is secured using a quick fastening, multi start thread. This design ensures the chamber cannot be pressurised unless the head is secure. Competitors systems with 'lug' or bayonet type fixings have been known to pressurise when the chamber head is not fully home, resulting in accidents and the chamber head being blown off.

Each Skye plant moisture system is individually tested to pressure far greater than the working pressure by an independent test house. A certificate of this test is supplied with every system.

There is a safety release pressure valve fitted to each system, this is set to automatically evacuate the chamber if the maximum working pressure is exceeded at any time.

Included in the cost of a Skye system is a pair of safety spectacles and a clear perspex safety shield. These ensure that no leaf or petiole debris can escape and be blown into the user's eyes.

Updated 01/04/11

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