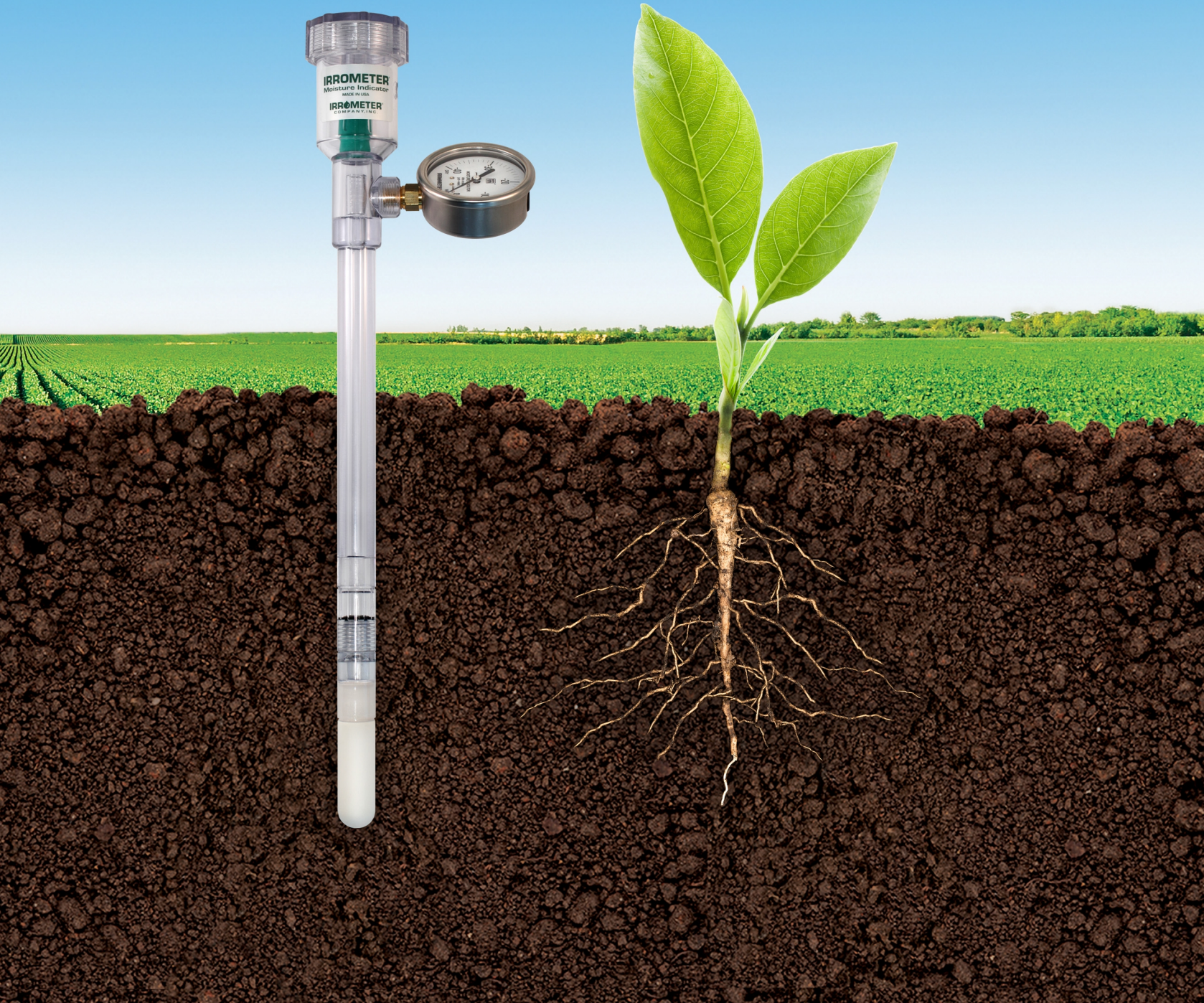


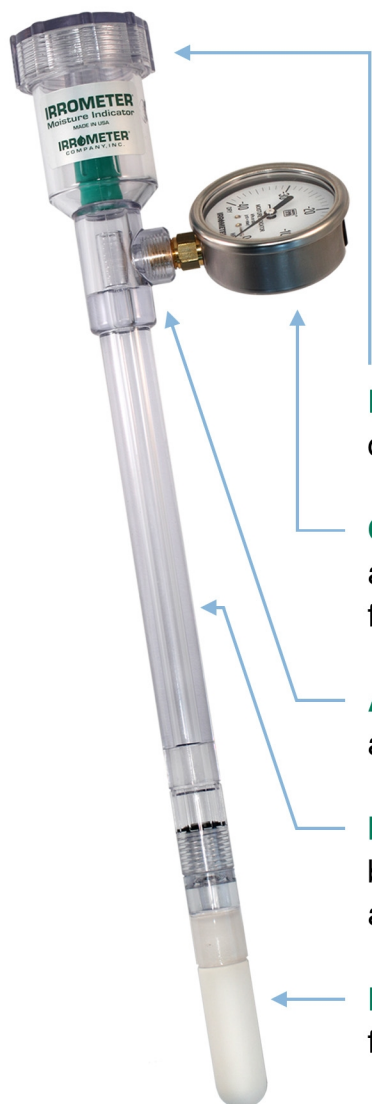
IRROMETER®

SOIL WATER MANAGEMENT SINCE 1951



Since 1951 **IRROMETER®** tensiometers have been the preferred choice of growers, irrigation experts, and researchers alike for the most simple, affordable, and reliable measurement of available soil water.

The **IRROMETER** acts like an artificial root by exchanging water with the surrounding soil just like a plant does. It is measuring the actual soil water tension, which indicates the effort required by root systems to extract water from the soil. This creates a change in reading on the gauge, which offers a reliable means of measuring soil moisture for irrigation scheduling. Because the **IRROMETER** is a true measurement of soil water tension, it is not affected by salinity or temperature and does not require site calibration.



Reservoir - holds a reserve supply of fluid for multiple irrigation cycles.

Gauge - membrane vented for temperature and elevation related compensation, a 2 1/2 inch face, and a stainless-steel rustproof body.

Air-Free Gauge Chamber - water seal prevents air from entering gauge regardless of fluid level.

IRROMETER Body - constructed of tough butyrate plastic, impervious to soil chemicals and electrolysis.

Porous Ceramic Tip - molded thread for quick and easy replacement.

STANDARD LOW TENSION

The white tipped **STANDARD (SR)** is for general use in most soils, with ranges from 0-100cb (kPa). The blue tipped **LOW TENSION (LT)** is designed for use in very coarse soils and non-soil container media with ranges from 0-40cb (kPa). The **MLT** is a mini low tension model for use in small containers with very coarse soils and non-soil growing medias with ranges 0-30cb (kPa).

SR and LT IRROMETERS are available in standard lengths of 6, 12, 18, 24, 36, 48, 60 inches.

SERVICE UNIT



SERVICE UNIT - One service unit will service ALL of your **IRROMETERS** and should be included in your initial order. This unit is used during installation and then periodically after for removal of air to ensure maximum sensitivity and accuracy.

SIMPLE · AFFORDABLE · RELIABLE



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