

METERS & ACCESSORIES

Dissolved Salts

High levels of soluble salts in the soil can be caused by excessive fertilization, insufficient watering, poor drainage, or by some contributing salt water intrusion. High concentrations of soluble salts can inhibit plant growth and will reduce overall crop yields. Greenhouse plants and other sensitive crops may be damaged if soluble salts exceed 2000 ppm. Soluble Salts, or Total Dissolved Salts, are measured by means of a Conductivity Meter. A conductivity reading measures the capacity of a solution to conduct an electric current and is directly related to the total ionic concentration of dissolved substances in the solution. Thus, the conductivity reading of a soil extract can be converted into a reading of Total Dissolved Salts to indicate combined levels of sulfates, chlorides and other salts in the soil. Extract is prepared using deionized water, not included with meters.

See back page for
Shipping Codes &
Weights chart.

LaMotte TDS 6 Series Meter

TDS 6 [without carrying case] · Code 5-0036-02 · NH [3]

TDS 6 [with carrying case] includes two calibration standards · Code 5-0037-02 · NH [5]

Microprocessors have enabled meter manufacturers to combine many features into smaller designs with better accuracy. Meter includes electrode and temperature probe, and is available with or without a carrying case.

Features:

- Push button operation
- Calibration 1 per range
- Range: 0.0-10.0, 100.0, 1,000 ppm, 1.0-10.00, 100.0, 200 ppt
- Power: Four AAA batteries included
- Temperature readout 0-100°C/0.1°C
- Automatic Temperature Compensation
- Auto-off after 17 minutes
- Hold function
- Adjustable conductivity to TDS factor
- Instructions included for measuring TDS in soil
- Meter has a two-year warranty

Code 5-0036-02



Code 5-0037-02

