

Agricultural Analysis Solutions

Executive Summary

Soils and Soil Extracts

- Automated Soil pH and Soil Conductivity (EC)
- Preparation and measurement of soil pH and soil EC
- Single, Dual and Quadra probe options available
 - o Either pH, EC or both together
- Variety of sample tubes, and cups available to ensure low costs
 - o Can also use cups already used by laboratory
- Sample preparation includes automated addition of water and/or salt with wait times if required
 - o Batch preparation followed by analysis
- Automated addition of buffer and measurement if pH is below a user set value
- Applies for soil extracts as well
- From 30 to >350 samples in a single batch

Irrigation Waters

- Automated pH, EC, alkalinity, nitrate and chloride from a single sample, as required
- Capability to select only the parameters required per sample
- Capability to add organics analysis – PeCOD®
- Laboratory and online configurations
- Reuse applications
- Laboratory from 30 to 200 samples

Endusers include:

SGS Agrifoods, Terralink Horticulture, Hill Laboratories (NZ), Maxxam Analytics, NIK Agro (Bulgaria), Agriculture Canada



Soil pH and EC System used at Terralink and Agriculture Canada. pH and EC at the same time with stirring. 30 position rack plus Intelligent Rinsing System, pump activated, and software controlled between samples.
