

6050X2

PRODUCT INFORMATION

6050XSE BE

June 2008

Lab version of Trase for unattended TDR measurements - for up to 256 points

Description:

The TRASE BE 110-230VAC, 50-60Hz unit comes complete with software and operating manuals, built-in multiplexer card (MUX Card) and one buriable waveguide.

The Trase BE was designed for use in a stationary location where electrical power is available and you need lots of measuring capability. It's designed with the same quality, precision and durability in mind like all other Trase systems.

A complete system designed to allow special probes and lookup tables for automating your new and exciting ideas. There are a variety of optional connectors and waveguides for your consideration, ranging from depths of 10 cm (3.39 in.) to 1.83 m (6 ft.) all available for use in study plots, columns or other research applications needing the TDR difference.

Generally this model Trase is combined with our multiplexer option allowing you to read up to 256 waveguides monitoring the most complex water /soil/ media relationships all at the lowest cost / measurement point.

A computer linked by a RS232 serial port or Bluetooth option establishes the link to the on-site or remote BE and uses our WinTrase commands to control the instrument as if it were a 6050XI showing on your screen.

Download TDR waveforms as their captured or review and download collected data. Both can be downloaded to your computer directly using WinTrase or remotely via dial-up modem or over the internet via CDMA or GSM network carriers.



Specifications:

Measuring Range: 0-100% volumetric water content

Accuracy: +/- 2% FS, and 1200 pt. resolution.

A powerful 1.25 Volt (125ps rise time) pulse assuring you get a reflection in almost any condition.

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