

SPECTROMETER-TS PRELIMINARY DATA SHEET



INTRODUCING THE SPECTROMETER-TS

The World Star Tech Spectrometer-TS is a powerful yet ultra-compact microspectrometer sensitive to light ranging from 380 to 800 nanometers. It provides high-performance spectral acquisition, with resolution down to 1 nanometer, and accuracies of +/-0.3 nanometers. Its on-board touchscreen provides an easy to use and convenient interface. Download and analyze the spectrum data using the accompanying PC software.

Features

- Compact design
- Touch Screen Display and PC Software
- UV/Visible Spectrum
- High resolution and accuracy

Applications

- Full Spectrum Analysis
- Chemical Analysis
- Quality Control
- Portable Devices

SPECTROMETER-TS

PRELIMINARY DATA SHEET

TECHNICAL SPECIFICATIONS

Wavelength Range:	380nm – 800nm
Center Spectral Resolution (nm):	1 nm using 50-micron fiber
Edge Spectral Resolution (nm):	1 nm using 50-micron fiber
Wavelength Accuracy (nm):	+/-0.3 nm
Measurement Speed (ms):	200 ms
Integration:	10 μ s to 17.28 ms
Wavelength Increment (nm):	0.5 nm with touch screen, 0.16 nm using PC
Operating Humidity:	<85% relative, non-condensing
Operating Temperature:	10-50°C

MECHANICAL SPECIFICATIONS

Size:	110mm x 63mm x 40mm
Weight:	< 500g
Fiber Type:	FC (Input NA: 0.22)

MECHANICAL DRAWING

