

# Huntron® Tracker® 2800 and 2800S

Power-off Diagnostics for your Benchtop

## Trusted technology, new applications

The NEW 2800 series of Huntron® Tracker® are designed to complement conventional test instruments in the debug and troubleshooting process.



Huntron Tracker 2800S

Using the proven power-off test method known as Tracker Signature Analysis it eliminates the risk of further circuit damage, which often occurs when power is applied. The Huntron Trackers are suited for today's mixed signal circuit cards where Analog and Digital are mixed together. The Tracker 2800's features variable range parameters resulting in over 100 combinations of voltage, source resistance and frequency. The 2800 series is a great off-line support tool for the automated Huntron Access Prober diagnostic systems.

The new Tracker 2800 and 2800S use a color touch screen for control of selected features such as DC Voltage Source control, pin selection (2800S) and Channel A/B alternating rate. The Huntron Tracker 2800 series display provides a very fast screen refresh rate that approaches the speed of an electrostatic CRT display for quick screening of component pins. The enhanced range selections complement the Huntron Tracker Model 30 ranges as well as provide expanded test coverage.

## Add Multi-pin Scanning Capabilities to Save Time



Huntron Tracker 2800S

The Tracker 2800S can scan and compare up to 40 pins per channel using standard IC clips and cables. Connections are made through the front panel using standard IDC style connectors. Comparison can take place manually or automatically allowing you to pick out the signature differences quickly

## Tracker Signature Analysis

The Tracker works by applying a current-limited AC signal across two points of a component. The current flow causes a vertical signature deflection, while the applied voltage causes a horizontal deflection. Together they form a unique V/I signature that represents the overall health of the device under test. Analyzing the signature can quickly determine whether the component is good, bad, or marginal.

## Ordering Information

The Huntron Tracker 2800 (part number 99-00401) and 2800S (part number 99-0402) come complete with Huntron MP20 Microprobes (one pair), common test leads, one blue clip lead, 20 and 40 pin DIP clips and cables (Tracker 2800S), power cord and instruction CDROM.

- Fast Signature Refresh
- Color Touch Screen Controls
- Full Screen Signature Zoom
- Huntron SigAssist™ built-in
- Multi-pin scanning with the Tracker 2800S

## Specifications

Waveform	Sine wave
Test Frequencies	6 selections of frequency: 20Hz, 50Hz, 60Hz, 200Hz, 500Hz, 2000Hz
Open circuit Voltage ( $V_o$ ):	6 selections of peak voltage: 200mV, 3V, 5V, 10V, 15V, 20V
Source Resistance ( $R_s$ ):	9 selections of resistance: 10 $\Omega$ , 50 $\Omega$ , 100 $\Omega$ , 500 $\Omega$ , 1k $\Omega$ , 5k $\Omega$ , 10k $\Omega$ , 50k $\Omega$ , 100k $\Omega$
Channels	
Number	2 (A and B)
Connections	Banana (for Chan. A, Chan. B and Common)
Display modes:	A, B, ALT
Number of scan pins per channel (2800S):	40
Scan modes:	Manual or automatic
DC Voltage Generator:	
Level:	0 to +5VDC
Source Resistance:	25 $\Omega$
Maximum current:	200mA
Display:	Color TFT LCD with Touch screen; LED backlight
Power Requirements	
Line Voltage	100/115VAC; 230VAC
Frequency	50/60Hz, 50Hz
Dimensions	11.1in W x 4.4in H x 8.5in D (28.2cm W x 11.2cm H x 22.1cm D)
Weight	6lbs (2.8kg)
Warranty	1 year, limited
Safety approval	ETL listed CE approved

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