

MODEL 8025

Remote Field Station Tester

- Portable ALERT Base Station
- Displays Digital & Analog Sensor Data
- Checks Reliability & Reception of Data
- Constitutes Spares For Each Component In The Base Station



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Note: A laptop computer is required and supplied by customer.

DESCRIPTION:

The Model 8025-00 Remote Field Station Tester provides a means to verify the radio transmissions of High Sierra Electronics' Model 3300 Store & Forward Repeater and the 3200 Series of ALERT Data Transmitters. Applications include transmitter and sensor tests of an installed ALERT station, radio path tests, and troubleshooting base station reception problems.

The Model 8025-00 comes housed in a rigid case for protection from the field environment. The portable ALERT Decoder and laptop computer software are the heart of the test kit. The decoder connects to the headphone jack of the radio scanner and to the RS-232 COM port of the computer. The decoder accepts audio signals from the receiver and converts them into serial data. The computer software translates the serialized information into sensor identification codes and respective raw data displayed on the screen. The data may also be saved to a disk file for later analysis. Both the binary data format used in the IFLOWS and ALERT systems and the ASCII data format may be used with the test kit.

SPECIFICATIONS:

Computer	Specifications as per a current quotation
Decoder.	See Model 1000-03 Data Sheet
Scanner:	
Channels	100 or 200 w/10 memories
Antenna Connector	BNC Female
Antenna.	Included
Built in speaker.	36 mm, 8 Ohms
Power	4 AA Batteries
Sensitivity.	(20dB S/N with 60% modulation for AM; 3kHz deviation for FM)
	29 - 54 MHz..... 0.4µV
	108 - 136.975 MHz.... 1.4µV
	137 - 174 MHz..... 0.6µV
	406 - 512 MHz..... 0.5µV
Spurious Rejection:	40.84 MHz..... 37dB
	162.4 MHz..... 20dB
Selectivity.	10 kHz.....-6dB
	17 kHz.....-50dB
Search Speed	20 Steps/Sec
Scan Speed	15 Channels/Sec
Priority Sampling	2 Seconds
Antenna Impedance	50 Ohms
Audio Power	FM.....230 mW Maximum
	AM.....250 mW Maximum
Dimensions	
(w/o antenna)	5.75"H x 2.56"W x 1.69"D
Weight.	8.11 oz

ORDERING GUIDE:

Model 8025-00	Remote Field Station Tester
	Hand-Held Radio Scanner
	with Antenna, Model
	1000-03 Decoder, Float Charger,
	Audio Cable, Remote Field
	Station Tester Software, and
	Carrying Case.
	Laptop computer is required, but
	supplied by customer

02-8025-00(B)

Environmental Monitoring Solutions

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