



**HIPOTRONICS**<sup>®</sup>  
THE MEASURE OF A LEADER

## ***Cable Dynamics TDR 1130***

### ***FEATURES***

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- Digital TDR
- LCD Display
- Internal Trace Storage
- 16 Sample Memory
- Serial Port with Software for Waveform Download
- Battery Operated

### ***BENEFITS***

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- Pre-Locate Faults
- Use the 1130 to Diagnose Cable Faults
- Easy to Use
- Compatible with Common "Thumpers"
- Reduce Outage Time
- Reduce Cable Damage
- Simplified Operator Training



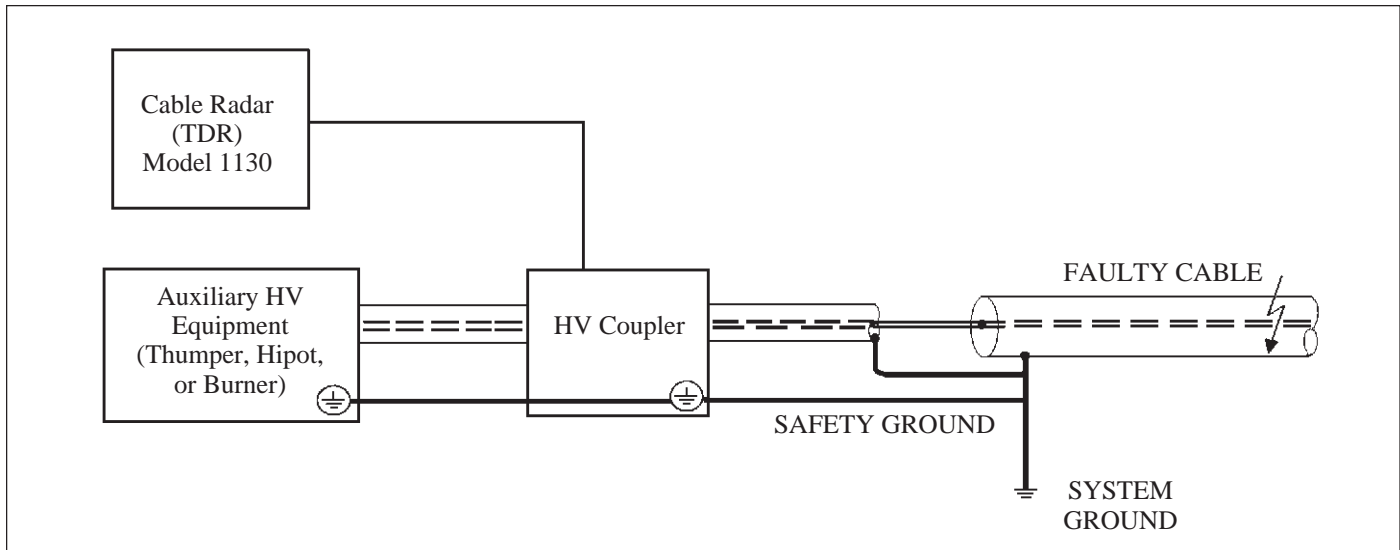
*TDR 1130*

### ***DESCRIPTION***

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The unique features and new technology of the Model TDR 1130 make fault location cost effective and simple. The Model 1130 features an automatic set-up, which can be modified as necessary. All fault data can be stored internally and retrieved for comparison.

The Model 1130 can be used with a high voltage coupler to interface with a cable thumper. The cable thumper then provides the voltage signals to enable the Model 1130 to quickly and definitively locate cable faults.



*Measuring Set-Up Diagram*

## **SPECIFICATIONS**

<b>POWER SUPPLY</b>	Battery Operated (charger included)	
<b>CHARGER INPUT VOLTAGE</b>	Model number suffix - A	120 V AC 60 Hz
	Model number suffix - B	230 V AC, 50/60 Hz
<b>PULSE CHARACTERISTICS</b>	Pulse Amplitude	25 V into 50
	Pulse Width	100 ns to 20 $\mu$ s (50ns option)
<b>INPUT PROTECTION</b>	480 V AC	
<b>RANGE</b>	Time	1.28 $\mu$ s to 0.66 ms
	Distance	1 ft. to 1,000,000 ft.
<b>MEASUREMENT ACCURACY</b>	Sample Rate = 100 MHz., Resolution = 2.5 ft. (10ns)	
<b>STORAGE</b>	Stores 16 sets of 3 trace signatures or 6 pre-recorded setups with information and 10 sets of 3 trace signatures	
<b>MONITOR</b>	LCD Display 7.0" diagonal	
<b>DIMENSIONS</b>	14" W x 9.5" D x 6" H (36 cm W x 24 cm D x 15 cm H)	
<b>WEIGHT</b>	15 lbs. (7 kg)	
<b>ENVIRONMENTAL</b>	Operating Temperature	10° F to 122° F (-12°C to 50°C)
	Storage Temperature	-40° F to 140° F (-40°C to 60°C)

## **ACCESSORIES**

- Cable Fault Locator
- HV Couplers

For further information, contact:

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NOTE: Because Hipotronics has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.