

HATHAWAY T 903 TDR SCOPE



H.V. TEST (PTY) LTD

3 Gaiety Ave, Robindale, Randburg, South Africa, 2010
P.O. Box 651287, Benmore, 2010

Tel: +27(11) 782 1010 Fax: +27(11) 782 2770

Email: sales@hvtest.co.za

Website: www.hvtest.co.za

Telefault 903, which is a Pulse reflection Test Set with integrated 25MHz real-Time memory transient recorder, for highest measuring accuracy. Its features are particularly simple operation and versatile application. Well established measuring methods are combined with modern electronics.

One major feature is the fully automatic fault location in the Surge Current Mode. The simple Menu structure leads the user easily through all selectable measuring modes.

The Telefault 903 is suitable for cable fault location on:

- low resistance faults
- high resistance faults
- intermittant faults

in low, medium and high voltage networks.

Features:

- User-friendly software and menu operation
- intergrated 25MHz transient recorder
- 2 intergrated digital memories
- simple and fast selection of measuring methods
- transient recorder with 25MHz real-time (3.2m) echometer mode with 100MHz sampling (0.8m)
- Measuring range up to 10km at 80m/μS
- voltage protected input in echometer mode up to 400V
- high-contrast LCD display with superb viewing angle & backlight.
- 2 independent cursors
- zoom & scroll function
- result reading in metres
- centronics printer interface
- Compute mode for fully automatic cursor positioning and fault location.

Measuring Methods :

- pulse reflection method
- single core (comparison measurement) with internal or external balance.
- differential measurement
- impulse current method.

Technical Data :

- Output voltage of measuring pulse 24V
- pulse width of transmitting pulse 100nS-8000nS
- voltage withstand of pulse echo (50/60Hz) 400V AC
- Impedance Balance internal or external
- Measuring ranges pulse echo & Trans,Recorder 1000m/2000/4000/8000/16000m
- Sampling Rate Pulse Echo 100MHz
- Transient Recorder 25MHz =40nS
- Resolution Pulse Echo 2m @ v/2=80m/μS
- Transient Recorder 10m
- Zoomfunction (full scale) 2:1, 4:1, 8:1
- Propagation velocity V/2 default value 80m/μS selectable 30m/μS up to 150m/μS
- High speed memory (transient recorder) 4096 bytes/8bits

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- Input sensitivity continuous adjust.
- Number of echogram memories 2
- Display LCD 200 x 320 dots
- Printer socket parallel centronics interface
- Power supply for mains operation 100V-264V/50-60Hz
+ Battery (Internal)
- Power consumption 50vA
- Operating temperature -35°C up to +60°C
- Dimensions 483x134x430mm / 8kgs

SOLE SUPPLIER OF THE HATAWAY PRODUCT IN SOUTHERN AFRICA

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