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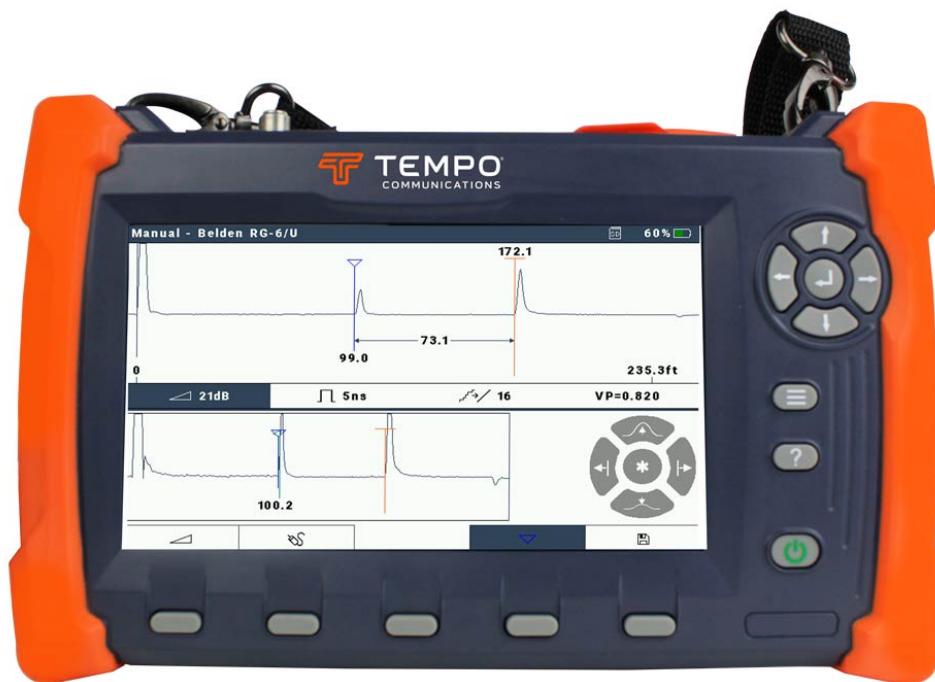# Tempo Cablescout CS90 Coaxial TDR Pro Kit

Product Images   **Product Code: C00-4114**

Short Description

Quickly identifying faults accurately is essential for the busy cable technician: CableScout® 90 (CS90)

offers a balanced mix of automation and manual testing that enables technicians to do their jobs right the first time.

The CS90 delivers the latest TDR technology in a small, lightweight and rugged design to provide unrivaled ease-of-use and coaxial cable testing performance.

CS90 is perfectly usable on other cable types too, e.g. telephone or Ethernet twisted pairs. With the CS90, technicians will spend less time operating the TDR and more time repairing faults. Simply select the cable type to be tested and the CS90 does the rest. Pulse width, VP, gain, and vertical position are automatically selected and adjusted as you scan the cable.

Finding the fault could not be faster, just move the cursor to the fault and use the one-button zoom function to pinpoint its location.

The CS90 employs optimised pulsing and sampling, coupled with advanced filtering and signal-processing techniques. You always have the cleanest possible waveform for the easiest event identification. The FastFind™ automatic fault locator function can quickly adjust the overview trace to the last fault on the cable speeding documentation of faults in real-time.

Features

• Large, Color, HiRes Backlit Display(Readable Outdoors in Bright Conditions)

• Splash, Dust, and Shock-Resistant Packaging

• Zero Dead Zone• 1, 5 and 25 ns pulse widths standard

• FastFind™ whole cable overview• Protected 75 Ω F Connector

• Intermittent Fault Location• Context-Sensitive Help Available for All Functions

• Small, Portable, Lightweight Package• Internal Cable Types for Fast, Accurate Testing

• Rechargeable Lithium Ion Battery for 8+ hrs. of use

• Span View Window Shows Entire Cable & Navigation.

• Narrow Pulse Width Enables Near-End Fault ID

Contents

• CS90 "CableScout®"

• DC charger (12 V socket)

• AC PSU (universal)• 2 metre coax patch lead

• F type barrel connectors• Shoulder Strap• Basic Carry Bag

• SD Card (included

• SV-03 Adaptor

• BNC Adaptor

• Alligator clip cord

Specifications

<u>Output Pulse</u>

Test Signal Pulse

Type: ½ Sine Wave

Width: 1 ns, 5 ns, 25 ns

Impedance: 75 Ohm

Voltage:>4V Peak

<u>Input</u>

Protection*:+/- 400VDC

Filtering:1, 2, 4, 8, 16, 32

<u>Performance</u>

Horizontal Resolution 204 ps (approx. 3"/75 mm)

Maximum Distance:9.5 kf 2.9 km) @ Vp=0.93

Display Resolution: 800 X 480

Display Size: 180mm 7" diagonal

Backlight Brightness: 1000nits

Test Result Storage: SD card or USB drive

Battery Type: Li-Ion polymer

Battery Capacity: 30 Wh; sufficient for >8 hr use with typical backlight

Battery Life: Battery Management System optimises charging and lifetime

<u>Physical</u>

Size: 262mm x 162mm x 55mm

Weight: 900g

Operating Temperature: -20 to + 50 (0 to 30 charging) Celcius

Storage Temperature: -20 to +60 C

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