

# TDR ST120

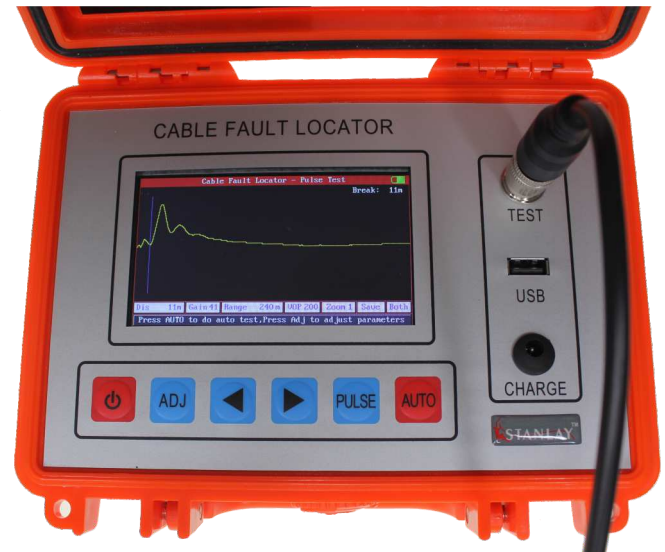


## TDR and Bridge Cable Fault Locator

ST120 cable fault locator is designed for ease of use. It combines **time domain reflectometer (TDR)**, pulse reflection testing for **locating distance to fault upto 32 kms** of faults on telecom/ signalling cables , low voltage cables, ship wiring, mining cables . Fault types which can be located include open/short, cross faults, earthing and **intelligent bridge testing (Bridge)** for poor insulation /wet cable sections.

**Automatic** & Easy to use - Simply select the modes which you are going to use. Distance, VOP, Gain and Range are automatically selected and adjusted as you scan the cable. Just move the cursor to the fault to pinpoint its location.

**Built in Data Storage** - data transfer through built in **USB port**.



### Time Domain Reflectometer Specifications:

Max Range	32Kms
Dead Zone	0m
Accuracy	+/-1m
Pulse Width	Pulse width: 40ns-10µs with automatic adjustment
Vop	100 ~300 m/us
Distance to fault	Auto
Pulse Test Voltage	30 V
Bridge Test Mode	Yes
Max Poor Insulation Resistance	100 MΩ
Testing Accuracy	±1% x cable length
Bridge test mode	9.999kms, Max length of testing cable
Data Storage & Transfer	Yes, with USB
Battery	Rechargeable , provided with charger
Display	Color LCD display , 4.3" display size
Dimensions	220 x 160 x 90mm
Weight	1 kg

**32 KM DISTANCE RANGE**  
Data Storage via USB

**AUTOMATIC** Pulse Width Adjustment  
0 Dead Zone

**Bridge for Low Insulation Faults**  
Locate Open. Shorts. Taps. Wet sections.  
**Cross. Earth**



**All weather  
hardshell case**



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