Teleflex T 3060

Small, single-phased power reflectometer

Benefits

▶ **Fully equipped reflectometer with cursor, gain, and range adjustment**

▶ **High-contrast 5.7'' TFT color display (640 x 480 pixel), with LED backlight**

▶ **Single-phase ARM input with ICE, Decay and Trigger**

▶ **AC or battery operated (up to 3 hours battery life)**

Functional description

Based on the same hardware and software we successfully used for our cable fault location systems EZ Thump and Smart Thump, the new **Teleflex T 3060** reflectometer is designed to provide the user with a cross-system operational concept.

The new **Teleflex T 3060** can be used as a battery-operated stand-alone unit, or in combination with small, portable systems.

The device can be used in the following modes

▶ **EasyGo Mode:** automatic operation and measurement evaluation
▶ **Stey by step Mode:** supports the learning of the fault location process while using different systems
▶ **Expert Mode:** complete range of commands and functions of a Teleflex reflectometer. The user can create a customized menu structure with up to 20 functions.

Teleflex T 3060 supports ARM, Decay and ICE..

Features

▶ Small, portable, and lightweight
▶ Sturdy, weatherproof design
▶ USB interface for data transfer
▶ USB host (USB stick can be used for protocolling)
▶ Single-phase display (comparable with a stored trace)
▶ Internal charger
▶ Simple EasyGo one-button operation

Technical Data	
Device	Teleflex T 3060
Display	5.7" high-contrast TFT color display, 640 x 480 pixels, with LED backlight
Methods	Automatic measurement and fault location
Features	Display of fault type (open or short), cable end and fault distance
Optional	Transformers or joint box recognition
Inputs	Single input
Application	Reflection measurement, ARM, ICE, Decay
Distance measurement	Cursor, Marker, Shift (ICE and Decay)
Sampling rate	100 MHz
Pulse width	50, 100, 200, 500 ns and 1, 2, 5, 10 µs
Range	8 km, 64 km (for ICE and Decay only)
Pulse Amplitude	35 V
V/2	10 … 150 m/µs or ft/µs or NVP
Y Amplification	Attenuation 0 … 64 dB
Zoom	Combined full zoom range
Accuracy	0.1 %
Resolution	0.8 m (at 80 m/µs)
Memory Space	> 1000
	USB-Host (USB stick for protocolling)
Power supply	110 V … 230 V ±15 %, 50 / 60 Hz, 50 VA
Battery	Integrated LiFePo4 battery (12 V/3 Ah)
Operation Time	> 2 hours on battery
Op. temperature	-20 °C … +50 °C
Storage temperature	-25 °C … +70 °C
Dimensions (wxhxd)	270 x 245 x 125 mm
Weight	6 kg
Protection class	IP 54 (in accordance with IEC 61140)

ISO 9001:2008