OTDR K-300

A handheld OTDR sized for everyday FTTH and metro work: 1310/1550 nm, up to 120 km of range, a 3.5-inch touch screen, and 0.88 kg with ten hours in the battery.

A handheld OTDR for the everyday FTTH and metro round: 1310/1550 nm, 120 km of range, and a 3.5-inch touch screen with a keypad that still works in gloves. Two builds — 30/28 dB, or 32/30 dB with a built-in visual fault locator — at 0.88 kg with ten hours in the battery.



K-300 handheld OTDR with trace on the 3.5-inch touch screen

Key Features

- Two builds: 30/28 dB for access and drop work, or 32/30 dB with a built-in 650 nm VFL (≥-3 dBm, 3 km) for jobs that also need visible fault checks
- Touch screen plus keypad — full control on the trace, and still usable with gloves on in the cabinet
- Event dead zone 1.8 m and attenuation dead zone 10 m — close-spaced events in closures and distribution boxes still read separately
- More than 60,000 traces stored and moved out over USB; an optical communications (live signal) test is built in
- 0.88 kg and ten hours or more of continuous work — a full shift of fault calls on one charge

Configurations

30/28 dB (no VFL); 32/30 dB (with built-in VFL).

Specifications

Wavelength	1310/1550 nm (±20 nm)
Light source	LD
Dynamic range	30/28 dB or 32/30 dB (by configuration)
Display	3.5 in TFT LCD touch screen
Optical interface	FC/UPC
Distance range	0.3, 1, 3, 5, 10, 30, 60, 120 km
Pulse width	5–20480 ns, Auto
Measurement duration	15 s, 30 s, 1 min, 2 min, 3 min
Event dead zone	1.8 m
Attenuation dead zone	10 m
Distance measurement precision	±(1 m + 5×10□⁵ × distance + sampling interval)
Data storage	>60,000 test traces
Communication interface	USB; SD card slot fitted
VFL (32/30 dB build)	650 nm, ≥-3 dBm, test distance 3 km

Optical communications test	Supported
Dimensions	220 × 106 × 60 mm
Weight	0.88 kg
Power supply	Lithium battery, ≥10 h continuous working
Operating temperature	-10 °C to +50 °C
Storage temperature	-30 °C to +70 °C
Relative humidity	0–95% (non-condensing)

More Views



In the equipment room — trace check with the stylus



One handheld for the whole metro ring

In Use

Connect at the closure or cabinet, pick the range step that covers the span, and run auto or manual pulse width. Fifteen seconds answers a quick question; up to three minutes of averaging cleans up a long span. Traces save on board — room for more than 60,000 — and leave over USB.

Private Label & OEM

Supplied in neutral, unbranded stock as standard. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the inner boxes and outer cartons, so the goods arrive ready for your warehouse. Custom barcode & contract labeling is applied to every inner box and outer carton to your receiving specification.

In the Box

One K-300 OTDR (configuration as ordered); Lithium battery (fitted); Power adapter / charger; Carry case.