Mini OTDR K-150

A pocket OTDR for access and FTTX lines — 1310/1550 nm up to 32/30 dB, one-key measurement, and an event table that reads the line for you.

A pocket OTDR for access and FTTX work: 1310/1550 nm, three dynamic ranges up to 32/30 dB, and a keypad interface that starts a measurement with one key. The intelligent trace scan reads the line for you and lists every event; a separate top port carries the built-in visual fault locator for the near-end breaks.



K-150 mini OTDR handheld showing a trace and event readings on its 3.5-inch screen

Key Features

- Three builds — 24/22, 28/26 and 32/30 dB dynamic range at 1310/1550 nm: pick the reach your access network needs, nothing more
- One-key measurement with intelligent trace scanning: the tester analyses the trace itself and lists every event — location, loss, reflectance — in a plain table
- Real-time mode for fast installation sweeps, accurate mode for maintenance records, and re-analysis with your own thresholds when the first pass is not the last word
- Live-signal detection watches for traffic light on the fiber and protects the detector before it can be damaged
- A separate top port for the built-in 650 nm visual fault locator — near-end breaks and bad connectors glow red, found in seconds

Specifications

Wavelengths	1310/1550 nm (±20 nm)
Dynamic range	24/22, 28/26 or 32/30 dB, by build — see the model table
Distance range	0.5 to 120 km or 0.5 to 150 km, by build
Event dead zone	2 m
Attenuation dead zone	10 m
Pulse widths	10 ns to 20 µs
Distance accuracy	±(1 m + sampling resolution + distance × 0.005%)
Linearity	±0.05 dB/dB
Fiber type	Single-mode
Display	3.5-inch LCD, keypad operation
Optical connector	FC / SC / ST universal
Visual fault locator	Built-in, 650 nm, on its own top port
Storage	1,000 test results
Battery	NiMH smart-charge battery, >10 h continuous working
Working temperature	-10 to +45 °C
Dimensions	230 × 120 × 60 mm
Weight	0.9 kg

Model Guide — Choose Your Configuration

Model	Wavelengths	Fiber	Dynamic range	VFL
K-150-S1	1310/1550 nm	Single-mode	24/22 dB	Built-in
K-150-S2	1310/1550 nm	Single-mode	28/26 dB	Built-in
K-150-S3	1310/1550 nm	Single-mode	32/30 dB	Built-in

Quote the model code with your inquiry — we confirm the build and lead time with your quote.

More Views



Keypad working — gloves on, no touch screen needed



Armoured handheld body, 0.9 kg

In Use

One key starts the scan; the event table lists each connector, splice and fault with its distance, and thresholds can be reset and the trace re-analysed on the spot. Real-time mode sweeps a line quickly during installation; accurate mode averages for maintenance records. Live-signal detection warns before the OTDR's detector can be hurt by traffic on the fiber. Back at the desk, the PC software manages, prints and batch-processes the saved traces.

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

K-150 mini OTDR main unit; AC/DC adapter; Calibration certificate; User manual (CD); Trace viewer software (CD); Instrument package with strap; Optical connectors ×2; USB data cable.