Palm OTDR K-3500

A palm-size touch-screen OTDR that folds a power meter, light source, VFL and event map into 300 grams — five builds from everyday 1310/1550 testing to live-fiber wavelengths.

A palm-size OTDR that carries the whole test kit: OTDR, event map, visual fault locator and work light in 300 grams, with an optical power meter and light source available built in. Five builds run from the dual-wavelength K-3500D for everyday FTTH acceptance to live-fiber models at 1550, 1610 and 1625 nm that test networks while traffic is running.



K-3500 palm OTDR handheld tester showing a test trace

Key Features

- OTDR, event map, VFL and work light in one 300 g handheld
- Five builds: dual-wavelength 22/20 dB, or live-fiber 1550 / 1610 / 1625 nm
- 3.5-inch capacitive touch screen with gesture operation and curve scaling
- Event dead zone 2 m, attenuation dead zone 8 m, range to 80 km
- Optional power meter (−70 to +6 or −50 to +26 dBm) and light source
- Saves .sor traces and .jpg screenshots; two-trace comparison on board
- Interchangeable FC / SC / LC OTDR flange; USB data transfer
- More than 10 hours per charge

Specifications

Display	3.5-inch capacitive touch screen
Event dead zone	2 m
Attenuation dead zone	8 m
Distance range	0.5–80 km
Pulse widths	5 ns – 20 µs
Loss measurement accuracy	±0.05 dB/dB
Memory	500 traces (.sor / .jpg)
VFL	650 nm, >10 mW, FC/UPC
Power meter (optional)	−70 to +6 dBm (A) or −50 to +26 dBm (B), InGaAs
Light source (optional)	Same wavelengths as OTDR, ≥−7 dBm
Optical interface	FC / SC / ST / LC, interchangeable
Battery	Lithium, >10 hours
Dimensions	145 × 78 × 30 mm
Weight	0.3 kg

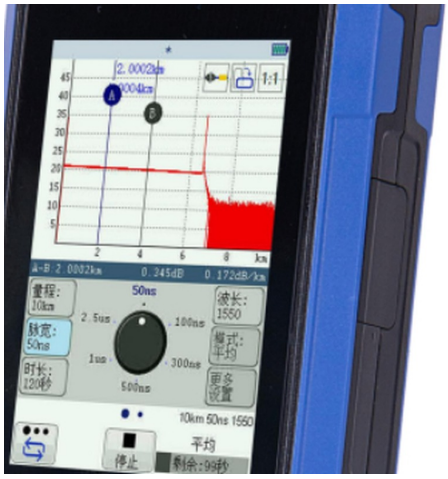
Model Guide — Choose Your Configuration

Model	Wavelengths	Fiber	Dynamic range	VFL
Standard models				
K-3515S	1550 nm	SM	20 dB	>10 mW

K-3500D	1310/1550 nm	SM	22/20 dB	>10 mW
Live-fiber models — test with signals present				
K-3515F	1550 nm	SM	20 dB	>10 mW
K-3510F	1610 nm	SM	20 dB	>10 mW
K-3525F	1625 nm	SM	20 dB	>10 mW

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

More Views



Trace view

In Use

Launch fiber on the front end, event map for the verdict, trace for the detail, .sor saved for the record. Change test parameters in real time, compare two traces on the unit, and hand over files by USB. The FC/SC/LC flange swaps to meet the panel in front of you.

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

Palm OTDR K-3500 main unit (build as ordered); Power adapter and USB cable; Carry case.