

# ALK-7000

## Optical Time Domain Reflectometer

### Features:

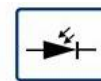
- 1). 7-inch HD color touch screen.
- 2). Finger combine to control curve zoom in, zoom out and move.
- 3). Multiple test modes.
- 4). Multiple wavelength modes.
- 5). OTDR self-testing function.
- 6). External USB LED light.
- 7). Document can be exported in PDF format.
- 8). Event map(event thresholds can be test).



7-INCH TOUCH  
LCD COLOR  
SCREEN



OPM



VFL



OLS

### Parameters:

#### OTDR

LCD size	7-inch enhanced capacitive touch screen
Standard optical interface	FC/SC/ST/LC(optional)
Fiber type	Single mode/Multimode(single fiber)
Sampling resolution	0.08m
Loss resolution	± 0.05dB
Distance Uncertainty	± (1+0.005%*distance+sampling resolution)
Accuracy level of loss rate test	± 0.05dB/dB
Distance Range	0.5-160km
Storage	10,000 curves
Battery	Lithium battery
Battery Endurance	>10 hours(according to Bellcore TR-NWT-001138)
Warranty	1 year
Operation temperature	-20℃ to +50℃

Storage temperature	-40℃ to +70℃
Dimension(L*W*H)	22.5cm*4.5cm*16.5cm
Weight	1 kg

**Ordering information:**

Model	Dynamic Range	Wavelength	Attenuation Dead Zone	Event Dead Zone	Pulse Width
ALK-7000-M1	22/20dB	850/1300nm	5.5m	1.5m	5ns~20μs
ALK-7000-A	26/24dB	1310/1550nm	10m	2m	5ns~20μs
ALK-7000-B	32/30dB	1310/1550nm	5.5m	1.5m	5ns~20μs
ALK-7000-C	34/32dB	1310/1550nm	5.5m	1.5m	5ns~20μs
ALK-7000-D	36/34dB	1310/1550nm	5.5m	1.5m	5ns~20μs
ALK-7000-P1	36/34/30dB	1310/1550/1625nm	5.5m	1.5m	5ns~20μs

**Configuration:**

VFL(Visual Fault Locator)		
Wavelength	650nm±20	
Output power	≤2mW standard	
Standard connector	FC/UPC	
OPM(Optical power meter)		
Model	A	B
Detection range	-60~+16dBm	-50~+26dBm
Wavelength range	850/980/1300/1310/1490/1550/1625nm	
Detector type	InGaAs	
Linearity	±5%	
OLS(Optical light source)		
Wavelength	1310/1550nm	
Output power	≥-7dBm	

**Packing list:**



OTDR



FC Flange



AC/AD Charger & Adapter



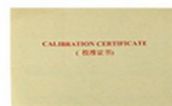
USB Disk



LED Light



Toughened Membrane



Calibration Certificate



Carrying Bag