

## All-in-One Tester



**Optical Network Tester**

**12 - in - 1 Device**

- | Auto OTDR
- | Expert OTDR
- | Event Map
- | Optical Light Source
- | Optical Power Meter
- | Optical Multi-meter
- | VFL
- | RJ-45 Tester
- | RJ-45 Length Tester
- | RJ-45 Sequence
- | Laser Ranger
- | LED Fresh Light

**GKP12-90**



Model	GKP12-90(1315)	GKP12-90(1315P)	GKP12-90(1625)	GKP12-90(MM)
Wavelength	1310nm & 1550nm	1310nm & 1550nm	1625nm	850nm & 1300nm
Dynamic Range	28dB/26dB	30dB/28dB	26dB	22dB/22dB
Testing Range	90km	100km	90km	60km
Auto OTDR	Yes	Yes	Yes	Yes
Expert OTDR	Yes	Yes	Yes	Yes
Event Map	Yes	Yes	Yes	Yes
Optical Light Source	Yes	Yes	Yes	Yes
Optical Power Meter	Yes	Yes	Yes	Yes
Optical Multi-meter	Yes	Yes	Yes	Yes
VFL	Yes	Yes	Yes	Yes
RJ-45 Tester	Yes	Yes	Yes	Yes
RJ-45 Length	Yes	Yes	Yes	Yes
RJ-45 Sequence	Yes	Yes	Yes	Yes
Laser ranger	Yes	Yes	Yes	Yes
LED Fresh Light	Yes	Yes	Yes	Yes
On line test	X	X	Yes	X
Accessories	LC or FC Connector, Manual, Micro SD card(inner OTDR Viewer Software) Power Charging adaptor, , UTP Identifier, Carrying bag			

### GKP12-90k

#### Applications

- FTTH
- Cable Installation
- Network installation
- Cable Management

#### Features

- 12 Function
- Touch Screen
- 90km Test Range
- Auto OTDR
- Optical Multi-meter
- Quick save

KTC 10264043



## All-in-One Tester

### OTDR Module

Pulse Width	3ns,5ns,10ns,20ns,30ns,50ns,80ns,160ns,320ns,500ns,800ns,1s, 5us,10us,20us
Distance Range	500m, 1km, 2km, 4km, 8km, 16km, 32km, 64km, 100km
Sampling Resolution	Minimum 0.2m
Sampling Point	Maximum 256,000 points
Linearity	≤ 0.05dB/dB
Averaging time	Setting by user
Scale Indication	X axis: 4 ~ 70m/div, Y axis : 0.09 ~ 5dB/div
Distance Accuracy	±(1mmeasuring distance x 3 x 10 <sup>-5</sup> +sampling resolution)(Excluding IOR uncertainly)
Loss Threshold	0.001dB
Loss Resolution	0.001m
Distance Resolution	0.001m
IOR Setting	1.0 ~ 2.0, 0.0001 step
Units	Km
OTDR Data	Telcordia Universal, SOR, issue2(SR-4731)

### Optical Power meter

Wavelength	850 / 980 / 1300 / 1310 / 1490 / 1550 / 1625 / 1650 nm
Test Range	-70 ~ +10dBm or -50 ~ +26dBm
Resolution	0.01
Accuracy	±0.35dB ±1nW
Modulation	270 / 330 / 1k / 2k Hz, Pi ≥-40dBm

### Optical Light Source

Wavelength	Same as OTDR wavelengths
Output Power	> -5dBm
Output mode	CW / 270 / 330 / 1k / 2k Hz

### VFL

Wavelength	650 nm
Output Power	10mW, CLASS III B
Range	12km
Mode	CW / 1Hz / 2Hz

### Typical

Display	4.3 inch Touch-Sensitive IPS TFT Screen, 800x480 Resolution
Interface	USB, TF card port, OTDR port, VFL port, Power-meter Port, Charging port
Power Supply	In : 100~240VAC, 50~60Hz, 0.6A    Out : 5VDC, 2A 4000mAh/5V Lithium Battery
Working Time	> 8Hr
Power Saving	Intelligent Power management Auto power off : Never / 1min / 5min / 10min / 20min / 60min
Data Storage	4GB (About 200,000 OTDR test Graph)
Environment	
Language	English, 한글(Optional)
Size / Weight	174 x 92 x 45mm / 400g(include Battery)