

# WEB Optical Cable Identifier

## Tk- 100 OCID

### Introduction to Electrical Interface of Instrument

- DC12V/3A Power supply interface

Requirement to power supply interface: input DC12V/3A, polarity: .

- USB、SD Data Interfaces

The instrument is matched with USB and SD card interfaces. Several models haven't such interface.

- Charge Indicator

When charging the battery, the indicator is turned on to be green; when charging finished, the indicator will turn off automatically.

- LAN Ethernet Interface

Several models have such interface.

- Audio Interface

Several models have such interface. Audio output interface, can drive headphones directly.



## Specification

Model	TK100-20/N	TK100-40/N
Measurement method	Single fiber test	
Wavelength	1550nm	
Min. output power of light source	-10dBm	-6dBm
Loss of one way cable1	5dB	10dB
Measurement 2	20Km	40 Km
Initial blind zone	No blind zone	
requirements of Cable terminal	≤20dB	
Signal to noise ratio	>40dB	
Optical fiber	SM	
Optical connector	FC/APC	
Displaying screen	5.6' touch screen	
Input model	Touch screen LCD + buttons	
Output model	Visible: vibration amplitude(touch screen LCD), audio: sound (corresponding excitation intensity)	
Power supply	DC12V/3A	
Battery	Lithium battery (7.4V 10.4Ah), continuous work ≥10 hours	
Power	≤6W	
Volume (H×W×L)	65×150×235mm	
Weight	1.5Kg(including battery)	
Working temperature	0~45℃	
Storing temperature	-20~55℃	
VFL visual failure location	Wavelength: 650nm, output power (dBm): ≥-3, maximum testing distance: 3km	
Guarantee period	12months	
Remarks: 1. add reflector at the end (reflected value > -3dB) to increase 5dB. 2. add reflector at the end (reflected value > -3dB) to increase 20Km. 3. When the return loss of target optical≤20dB, line there is no tapping points blind.		