

# FIBER INSPECTION PROBE

## TC-28



## I. INTRODUCTION

TC-28 Handheld Fiber Optic Inspection Probe is a portable video microscope used to examine installed fiber terminations or ensure terminations are smooth and clean. It can inspect all kinds of fiber optic terminations, especially for the female ones. It eliminates the need to access the backside of patch panels or disassemble hardware devices which prior to inspection.

## II. SPECIFICATIONS

Product Name	Inspection Probe Microscope	Model Number	TC-28
Magnification	250 times	Display Screen	3.5" TFT-Display Screen LCD
Resolution Ratio	0.5 um	Video Output	NTSC / PAL
Weight	1.5kg	Power Supply	3.7V 4500mA / 5V 1A Li Battery
Work Temp.	-20°C ~ +50°C	Storage Temp.	-30°C ~ +60°C

## III. FEATURES



### 1. Fiber Optic Inspection Probe Microscope

Ergonomic design and controls for easy one-hand operation  
unique optics architecture and comprehensive selection of precision inspection tips.



### 2. Universal Adapters for Inspection

Using in both multimode and single mode fiber end face analysis, integrated functions and features eliminate switching between different devices.



### 3. High Precision 3.5" TFT-Display Screen LCD

Viewing connector end faces on a video screen, no latency delay.  
Digitally analyze end faces for dust, dirt, finger oil, scratches, pits, and other anomalies.

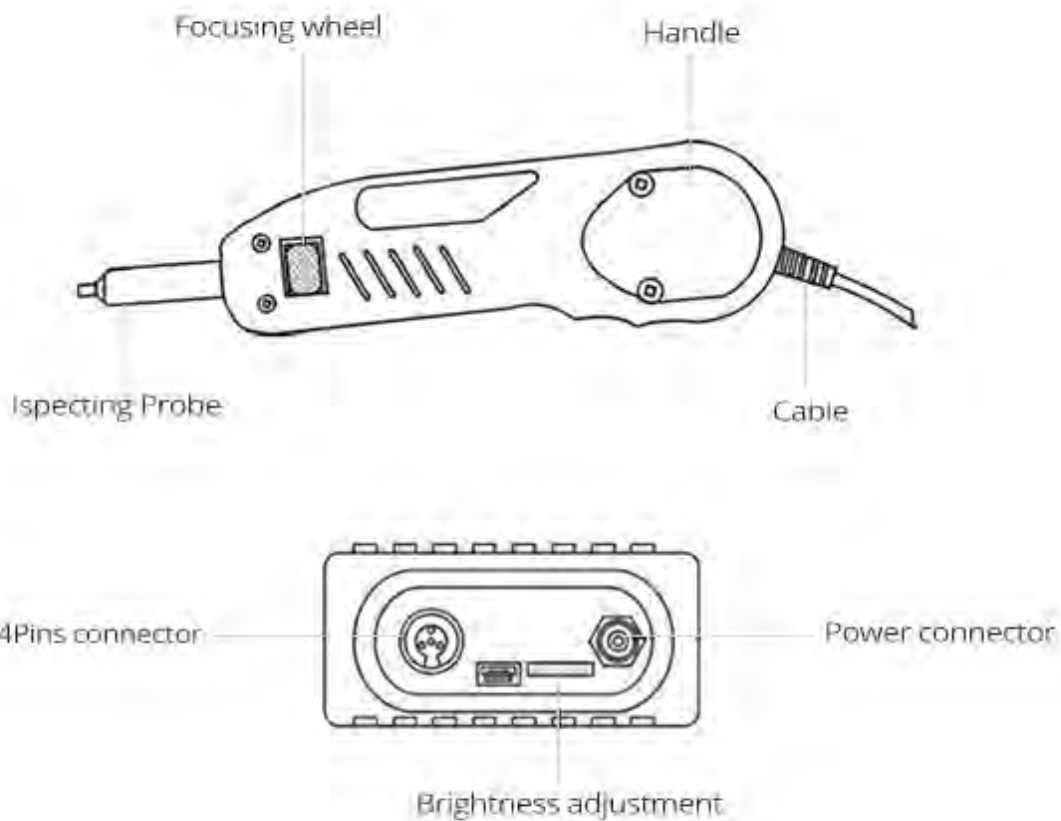
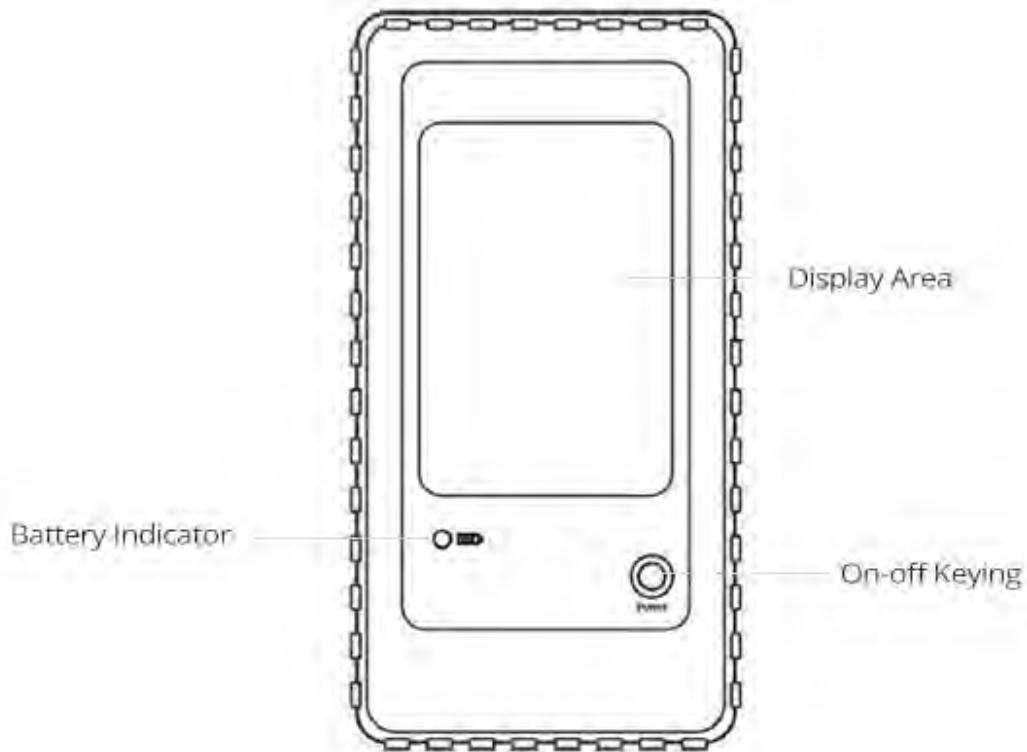


### 4. Elastometric Boot & Brightness Adjustment

Shatter-Resistant, anti-slip, wear-resistant. Adjusting the brightness when inspecting the end face to get clear view.

## IV. LAYOUT

Shows end faces in great detail and helps prevent eye injury since the user does not view the fiber end face directly.



## V. USB CONVERTER

The USB converter can connect with your PC to display the endface condition.



## VI. CONNECTOR



25-U-M 125-U-M 125-A-M 25-A-M FC-PC-F SC-PC-F LC-U-F FC-A-F SC-A-F LC-A-F ST-U-F

25-U-M Connector	Test FC/SC/ST/E2000 patch cord UPC male connector
125-U-M Connector	Test LC/MU patch cord UPC male connector
125-A-M Connector	Test LC/MU patch cord APC male connector
25-A-M Connector	Test FC/SC/ST/E2000 patch cord APC male connector
FC-PC-F Connector	Test FC/UPC inside bulkhead female connector
SC-PC-F Connector	Test SC/UPC inside bulkhead female connector
LC-U-F Connector	Test LC/UPC inside bulkhead female connector
FC-A-F Connector	Test FC/APC inside bulkhead female connector
SC-A-F Connector	Test SC/APC inside bulkhead female connector
LC-A-F Connector	Test LC/APC inside bulkhead female connector
ST-U-F Connector	Test ST/UPC inside bulkhead female connector

## VII. ORDERING INFORMATION

<b>Standard Accessories</b>	Inspection Probe
	3.5" Monitor
	Charger
	User Manual
	Carrying Bag
	USB 2.0 Converter
	25-U-M Connector: test FC/SC/ST/E2000 patch cord UPC male connector
	125-U-M Connector: test LC/MU patch cord UPC male connector
	FC-PC-F Connector: test FC/UPC inside bulkhead female connector
	SC-PC-F Connector: test SC/UPC inside bulkhead female connector
<b>Optional Accessories</b>	25-A-M: test FC/SC/ST/E2000 patch cord APC male connector
	125-A-M: test LC/MU patch cord APC male connector
	SC-A-F: test SC/APC inside bulkhead female connector
	FC-A-F: test FC/APC inside bulkhead female connector
	LC-A-F: test LC/APC inside bulkhead female connector
	ST-U-F: test ST/UPC inside bulkhead female connector

