



# TP-17C

## Duplex-function Scanning Probe Data Sheet



**RoHS**



CE Certification    RoHS Certification    Protection IP54

TP-17C is the third generation model of TP-17 series scanning optical probe. It is a duplex-function model, and can be applied to mechanical meters or electric meters in their accuracy testing. By integrating with TP-GS bracket the combined TP-17C set can be a perfect accessory for on-site test instrument or for test bench.

TP-17C optical scanning probe can sense both light and IR(Infrared) light pulses emitted by LED of electric meters, and then convert them to electric pulses. And TP- 17C can sense rotate mark on mechanical meter also.

### **Notes for sensitive adjustment:**

A cross line on optical head is designed for easily focusing. Turn the knob clockwise to the limit before test. And then turn counter-clockwise gradually to an appropriate level when LED indicator twinkles steadily.

TP-17C is a duplex-function optical scanning probe originally designed and manufactured by Tespro China.

# Technical Specifications

Category	Items	Features
Power	Power supply	DC 5V±10%,≤40mA(default);DC12~36V for option
Function	Working mode	For mechanical meter accuracy test (LED red), function changing by button-down for electric meter accuracy test (LED blue),function changing by button-up
Cable & Interface	Cable length	3M in normal,2M for option
	Connector	Bare wires without connector in normal Customized connector is available
Mechanical & Enclosure	Mechanical	Impact ABS + PC housing
Environmental	Environment	Application temperature:-40°C~70°C in normal
Dimensions	Diameter &Height	47x32x22mm
	Weight	50 gr
Accessory	Probe Fixture	TP-GS2 supporting fixture can be used for probefixing onto any kind of meters
Physical Specifications	Protection Class	IP 54



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