



TP-17C Duplex-function Scanning Probe Data Sheet



CE Certification

RoHS

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

Item	Features
Power supply	DC 5V±10%, ≤40mA(default) DC12~36V for option
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 length	3M in normal, 2M for option
Connector	bare wires without connector in normal Customized connector is available
Mechanical	Impact ABS + PC housing
Environment	Application temperature: -40°C~70°C in normal
Dimensions	47x32x22mm
Weight	50 gr
Probe Fixture	TP-GS2 supporting fixture can be used for probe fixing onto any kind of meters
Protection Class	IP 54



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