

# TRIO Smartcal 565 -TSC

## TRMS AC Leakage Current Clamp Meter

### Features:

- 100A Current Range
- Up to 10uA resolution on leakage currents
- AC/DC Voltages up to 600V
- Measures Hz, Ohms & Continuity
- 50/60Hz Filter to remove harmonics from reading
- Max & Data hold function
- Auto ranging & Auto power off
- 26mm Jaw Opening
- Cat III 600V

### Description

The TRIO Smartcal 565-TSC is a TRMS AC Leakage Clamp meter with a resolution of up to 10uA on its 60mA and 600mA ranges. It can also be used as a standard clamp meter for measuring AC currents up to 100A.

Typical uses for this versatile meter include Ground Fault current Measurement, Leakage Current, Process loop control, or as a general purpose clamp meter with added functionality and resolution.

Included are a set of test leads, soft carrying case and instruction manual.



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## ACA (Autorange)

Range	Resolution	Accuracy ( 50Hz~1KHz)	Overload Protection
10A	1mA	1.2%±5dgts(50~60Hz)	150Arms
80A	10mA	2.5%±5dgts(60~500Hz)	
		3.5%±10cts (500~1kHz)	
80~100A	10mA	5%±5dgts (50~60Hz)	

## ACmA (Autorange)

Range	Resolution	Accuracy ( 50Hz~1KHz)	Overload Protection
60mA	10uA	1.2%±5dgts(50~60Hz)	150Arms
		2.5%±5dgts(60~500Hz)	
		3.5%±10cts (500~1kHz)	
600mA	100uA		

## ACV

Range	Resolution	Accuracy (50Hz~1KHz)	Overload Protection
600V	0.1V	1.0%±5cts (50~60Hz)	660Vrms
		1.2%±5cts (60~500Hz)	
		2.5%±5cts (500~1kHz)	

## DCV

Range	Resolution	Accuracy	Overload Protection
600V	0.1V	1%+2	660Vrms

## Ohm ( Ω )

Range	Resolution	Accuracy	MAX Test Voltage	Overload Protection
1KΩ	0.1Ω	1%+3	-3.3VDC	600Vrms

## Continuity ( ·· )) )

Range	Active Region	MAX Test Voltage	Overload Protection
··))	<35 Ohm	-3.3VDC	660Vrms

## Frequency HZ (Autorange)

Function	Range	Resolution	Sensitivity	Accuracy
A-Hz	0~100 Hz	0.1Hz	10mArms min	0.5%±2dgts
A-Hz	100~1K Hz	1Hz		
V-Hz	0~100 Hz	0.1Hz	5Vrms min	0.5%±2dgts
V-Hz	100~1K Hz	1Hz		

