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SANWA ANALOG MULTITESTER

YX360TRF/ YX-361TR



General Specifications

	YX360TRF	YX-361TR
Meter structure	Band	Band
Standard calibration temperature / humidity	23±2°C, 45 ~ 75%RH	23±2°C, 75%RH or below, No condensation
Operating temperature / humidity	0 ~ 40°C, 80%RH or below, No condensation	0 ~ 43°C, 80%RH or below, No condensation
Storage temperature / humidity	-10 ~ 50°C, 70%RH or below, No condensation	-10 ~ 50°C, 70%RH or below, No condensation
Battery (built-in)	R6 (IEC) or UM-3 1.5V × 2	R6 (1.5V) × 2, 6F22 (9V) × 1
fuse (built-in)	5.2mm dia × 20mm, 0.5A/250V	5mm dia × 20mm, 0.5A/250V
Withstand voltage	6kV AC (1 min.) between input terminal and case	—
Environmental condition	Altitude 2,000m or below, pollution degree II	—
Dimensions / weight	159.5 × 129 × 41.5mm / approx. 320g	150 × 100 × 37mm / approx. 290g
Safety	IEC61010-1(EN61010-1) 2001-02 CAT.III 600V max, CAT.II DC1000V / AC750V max	—
Accessories	Test lead (TL-61T), Hand strap, Instruction manual	Test lead (TL-61), Instruction manual
Optional accessories	HV probe (HV-10T), Clip adapter (CL-11, TL-81C), hFE probe (HFE-6T)	HV probe (HV-10), Clip adapter (CL-11, TL-81C), hFE probe (HFE-6), Carrying case (C-YS)

Specification: YX360TRF

Function	Measuring range	Accuracy	Remarks
DCV	0.1V	±5% of full scale	Input impedance 20kΩ/V
	0.25/2.5/10/50V	±3% of full scale	
	250/1000V	±3% of full scale	
DCV (NULL)	±5/±25V	±5% of full scale	Input impedance 40kΩ/V
ACV	10/50/250/750V	±4% of full scale	Input impedance 9kΩ/V 30Hz ~ 100kHz within ±3% f.s. (AC10V)
DCA	50uA	±3% of full scale	*1 Voltage drop 0.1V
	2.5m/25m/0.25A	±3% of full scale	*1 Voltage drop 0.25V
Ω	2k/20k/200k/2MΩ (×1/×10/×100/×1k range)	±3% of arc	Center value 20Ω, Max. Value 2kΩ Release voltage 3V
	200MΩ (X100K)	±5% of arc	
Capacitance	10uF	—	*2
dB	-10dB ~ +22dB (AC10V) ~ +62dB	—	Input impedance 9kΩ/V
LI	0 ~ 150mA at × 1 range / 0 ~ 15mA at × 10 range / 0 ~ 1.5mA at × 100 range / 0 ~ 150uA at × 1k range / 0 ~ 1.5uA at × 100k range	—	Current across test pins
HV (DC high voltage)	DC25kV	—	Optional probe HV-10T is necessary
hFE	1000 at × 10 range	—	Optional probe HFE-6T is necessary

*1: Not including the resistance of fuse. / *2: Pointer indication of the maximum move by charged current in the capacitor.

Specification: YX-361TR

Function	Measuring range	Accuracy	Remarks
DCV	0.1/0.5/2.5/10/50/250/1000V	±2.5% of full scale	Input impedance 20kΩ/V
DCV (NULL)	±5/±25V	±5% of full scale	Input impedance 40kΩ/V
ACV	2.5/10/50/250/1000V	±3% of full scale ±4% of full scale (10V or below)	Input impedance 9kΩ/V 30Hz ~ 100kHz ±1dB } 10V or below 40Hz ~ 30kHz ±3%
DCmA	50u/2.5m/25m/0.25A (50uA at the DC0.1V position)	±2.5% of full scale	Terminal voltage drop 250mV
Ω	0 ~ 0.2Ω ~ 2kΩ at × 1 range, center 20Ω 0 ~ 2Ω ~ 20kΩ at × 10 range, center 200Ω 0 ~ 20Ω ~ 200kΩ at × 100 range, center 2kΩ 0 ~ 200Ω ~ 2MΩ at × 1k range, center 20kΩ 0 ~ 2kΩ ~ 20MΩ at × 10k range, center 200kΩ LED for continuity check at × 1 range (Emitting light at 10Ω or less)	±3% of arc	Built-in Batteries R6(1.5V) X 2 6F22 (9V) X 1
dB	-10dB ~ +10dB (AC2.5V) ~ +62dB 0dB = 0.775V (1mW through 600Ω impedance circuit)	±3% of full scale ±4% of full scale (10V or below)	Input impedance 9kΩ/V 30Hz ~ 100kHz ±1dB } 10V or below 40Hz ~ 30kHz ±3%
LI	0 ~ 150uA at × 1k range / 0 ~ 1.5mA at × 100 range / 0 ~ 15mA at × 10 range / 0 ~ 150mA at × 1 range	±5% of arc	Current across terminals while object is measured.
LV	Common to each Ω range 3V ~ 0V (Reverse of LI scale)	±5% of arc	Voltage applied across terminals while Ω is measured.
Battery check	0 ~ 1.5V	±5% of full scale	Load current 0.25A
HV (DC high voltage)	DC25kV	—	Optional probe HV-10 is necessary
hFE	1000 at × 10 range	±3% of arc	Optional probe HFE-6 is necessary

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Specifications and external appearance of the product described above may be revised for modification without prior notice.

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