

# 22-Channel Rotary Switch Various Measurement Function



**YX-360TRF**

## Feature

- Taut Band meter for high sensitivity, stabilized indication and drop shockproof
- Attachment body cover equipped for meter panel protection and stand.
- Measurement high resistance up to 200M ohm with low voltage
- Null meter  $\pm 5 / \pm 25$  in DCV
- Capacitance, dB, Li measurement
- High DC voltage measurement with optional HV probe
- hFE measurement with optional HFE probe
- Test Lead compartment equipped for storage.
- Gold plated test pin for accurate measurement
- Direct connected test leads to avoid loss
- IEC1010-1 CAT II 1000 DCV / 750ACV, CATIII 600V Max.
- CE Marking

## General Specification

Items	Specification
Drop shock proof	Taut-band structure is adopted in the meter section. The meter section is designed to withstand shock.
Circuit protection	The circuit protected by fuse even when voltage of up to AC 230V is impressed on each range for 5 seconds.
Internal battery	R6(IEC) or UM-3 1.5VX2
Internal fuse	0.5A/250V 5.2mm dia X20mm
Standard calibration temperature and humidity range	23 $\pm$ 2°C 45~75% RH
Operating temperature and humidity range	0~40°C 80% RH max. no condensation
Withstand voltage	3kV AC (1 min.) between input terminal and case
Dimensions and weight	159.5X129X41.5mm / approx. 320g
Accessories	One copy of instruction manual, hand strap

## Measurement Range and Accuracy

Function	Full scale value	Accuracy	Remarks
DCV	0.1	$\pm 5\%$ against full scale	Input impedance 20k $\Omega$ /V
	0.25 / 2.5 / 10 / 50	$\pm 3\%$ against full scale	
	250 / 1000		Input impedance 9k $\Omega$ /V
DCV (NULL)	$\pm 5 / \pm 25$	$\pm 5\%$ against full scale	Input impedance 40k $\Omega$ /V
ACV	10 / 50 / 250 / 750	$\pm 4\%$ against full scale	Input impedance 9k $\Omega$ /V30Hz ~100kHz within $\pm 3\%$ f.s. (AC10V range)
DCA	50 $\mu$	$\pm 5\%$ against full scale	*1 Voltage drop 0.1V
	2.5m / 25m / 0.25		*1 Voltage drop 0.25V
$\Omega$	2k / 20k / 200k / 2M (X1/X10/X100/X1k)	$\pm 3\%$ arc	Center value 20 $\Omega$ Max. value 2k $\Omega$
	200M(*100k)	$\pm 5\%$ arc	Release voltage 3V
C	10 $\mu$ F	-----	*2
dB	-10dB ~+22dB(for 10V AC) ~+62dB	-----	Input impedance 9k $\Omega$ /V
LI	0 ~150mA at X1 range 0 ~15mA at X10 range 0 ~1.5mA at X100 range 0 ~150 $\mu$ A at X1k range 0 ~1.5 $\mu$ A at X100k range		Current across test pins
Use the optional probe			
HV ( DC high volt )	DC25kV		HV-10T probe
HFE	1000 at X10 range		HFE -6T probe

\*1 Not including the resistance of fuse.

\*2 Pointer indication of the maximum move by charged current in the capacitor.

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