# **MY10 Series of Analog Insulation Testers**



# Analog models with single rating MY10-01:125V/20MΩ MY10-02:250V/50MΩ MY10-03:500V/100MΩ MY10-04:500V/1000MΩ MY10-05:1000V/2000MΩ AC voltage measurement Automatic discharge A wide choice of accessories -Designed for shared use with the MY40

# **Testing Performance Specifications**

Model	Rating	Effective Measuring Range	Central Scale Value	AC Voltage Measuring Range	Lower Limit of Measured $\Omega^*$	Rated Current
MY10-01	125V/20MΩ	0.01–20MΩ	0.5MΩ	0-250V	0.125MΩ	1–1.2mA
MY10-02	250V/50MΩ	0.01–50MΩ	1MΩ	0-300V	0.25MΩ	1–1.2mA
MY10-03	500V/100MΩ	0.05–100MΩ	2MΩ	0–500V	0.5MΩ	1–1.2mA
MY10-04	500V/1000MΩ	0.5–1000MΩ	20MΩ	0–500V	1MΩ	0.5-0.6mA
MY10-05	1000V/2000MΩ	1–2000MΩ	50MΩ	0–500V	2MΩ	0.5–0.6mA
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#### Standard test conditions:

Ambient temperature/humidity ranges: 23 ±5°C/45-75% RH

Position of use:

Horizontal (5° max, of angle of inclination) Effect of geomagnetism: None

Battery voltage: Within effective voltage range (The pointer must stay within the range indicated by the BAT symbol when the battery check is performed.)

The minimum value at which the rated voltage can be maintained Tolerances under the above-mentioned conditions: Resistance measurement:

First effective measuring range =  $\pm 5\%$  of reading Second effective measuring range =  $\pm 10\%$  of reading Infinite and zero scale values: 0.7% max. of scale length AC voltage: ±10% of maximum scale value No-load voltage: 130% max. of rated voltage

Rated measuring current: 1 mA (0 to 20%) when in first effective measuring range

Short-circuit current: 12 mA max.

# **Standard Accessories**

Product	Part Number	Qty
Protection cover	93013	1
Shoulder strap	99005	1
Line probe	98001	1
Earth probe	98002	1
User's manual	-	1
Batteries	-	4

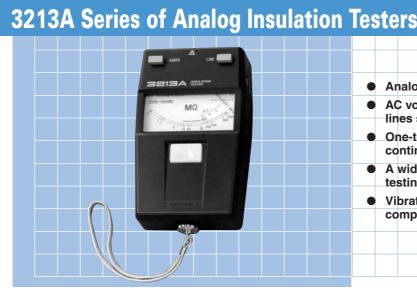
### **General Specifications**

Scale length: Approx. 78 mm

Battery life: Approx. 10 hours when continuously operated on manganese-oxide batteries with the pointer pointing to the central scalevalue.

Batteries: Four AA(R6P) batteries

**Dimensions:** Approx.  $125(w) \times 103(H) \times 53(D)$  mm, excluding protrusions Weight: Approx. 400 g (main unit and batteries only, excluding accessories) Compliance: EN61010: 1993; EN61010-2-31: 1995 (over voltage category III, pollution Degree2 installations for indoor use).



# Analog models with single rating

- AC voltage measurement and check live lines such as motive power lines
- **One-touch operation Press-and-lock switch for** continuous measurement
- A wide choice of accessories to meet various testing requirements
- Vibration- and shock-resistant hand-held compact testers

## **Testing Performance Specifications**

Model	Rating	Effective Measuring Range	Central Scale Value	AC Voltage Measuring Range	Lower Limit of measured $\Omega$	Rated Current
321341	100V/20MΩ	0.02–20MΩ	0.5MΩ	0-150V	0.1MΩ	1mA
321342	250V/50MΩ	0.05–50MΩ	1MΩ	0-250V	0.25MΩ	1mA
321343	500V/100MΩ	0.1–100MΩ	2MΩ	0-300V	0.5MΩ	1mA
321344	500V/1000MΩ	1–1000MΩ	20MΩ	0-300V	0.5MΩ	1mA**
321345	1000V/2000MΩ	2–2000MΩ	50MΩ	0-300V	1MΩ	1mA**
* The minim	The minimum value at which the rated voltage can be maintained; ** 0.55 mA in the case of the first effective measuring range					

#### Standard test conditions:

Ambient temperature/humidity ranges: 23 ±5°C/45-75% RH

Position of use:

Horizontal (5° max. of angle of inclination) Effect of geomagnetism: None

Battery voltage: Within effective voltage range (The pointer must stay within the range indicated by the BAT symbol when the battery check is performed.)

# Tolerances under the above-mentioned conditions:

Resistance measurement:

First effective measuring range =  $\pm 5\%$  of reading Second effective measuring range =  $\pm 10\%$  of reading Infinite and zero scale values: 0.7% max. of scale length AC voltage: ±10% of maximum scale value Open circuit voltage: 130% max. of rated voltage

Rated measuring current: 1 mA (0 to 20%) when in first effective measuring range

Short-circuit current: 12 mA max.

# **General Specifications**

Scale length: Approx. 88 mm Dimensions (main unit): Approx. 110 (W)  $\times$  180 (H)  $\times$  60 (D) (mm)

Weight: Approx. 700 g including batteries, or approx. 1.2 kg in-cluding hard case, handle, test leads and batteries Batteries: Eight AA (R6P) batteries

Accessories: See the list of accessories on the backside of this bulletin for information on accessories such as probes with a switch.

## **Standard Accessories**

Product	Part Number	Qty
Test lead	98050	1 (consist of earth/line terminal)
Hard case	B9600HA	1 (w/leads-housing case)
Handle	B9303XE	1
User's manual	-	1
Batteries	-	8