MY10 Series of Analog Insulation Testers





Analog models with single rating

 $\begin{array}{l} \text{MY10-01:125V/20M}\Omega\\ \text{MY10-02:250V/50M}\Omega\\ \text{MY10-03:500V/100M}\Omega\\ \text{MY10-04:500V/1000M}\Omega \end{array}$

- MY10-05:1000V/2000MΩ

 AC voltage measurement
- Automatic discharge
- A wide choice of accessories
 - -Designed for shared use with the MY40

Testing Performance Specifications

Standard test conditions:

23 ±5°C/45-75% RH

Effect of geomagnetism: None

Position of use:

Ambient temperature/humidity ranges:

Horizontal (5° max, of angle of inclination)

BAT symbol when the battery check is performed.)

(The pointer must stay within the range indicated by the

Battery voltage: Within effective voltage range

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

* The minimum value at which the rated voltage can be maintained

Tolerances under the above-mentioned conditions:
Resistance measurement

First effective measuring range = ±5% of reading Second effective measuring range = ±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

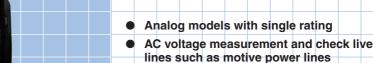
Scale length: Approx. 78 mm

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) × 103(H) × 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).

3213A Series of Analog Insulation Testers



- 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 Ω	Rated Current
321341	100V/20MΩ	0.02-20MΩ	$0.5 M\Omega$	0-150V	0.1ΜΩ	1mA
321342	250V/50MΩ	0.05-50MΩ	1ΜΩ	0-250V	0.25ΜΩ	1mA
321343	500V/100MΩ	0.1–100ΜΩ	2ΜΩ	0-300V	0.5ΜΩ	1mA
321344	500V/1000MΩ	1–1000ΜΩ	$20M\Omega$	0-300V	0.5ΜΩ	1mA**
321345	1000V/2000MΩ	2-2000ΜΩ	$50M\Omega$	0-300V	1ΜΩ	1mA**

* 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 = ±5% of reading Second effective measuring range = ±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.

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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 including 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