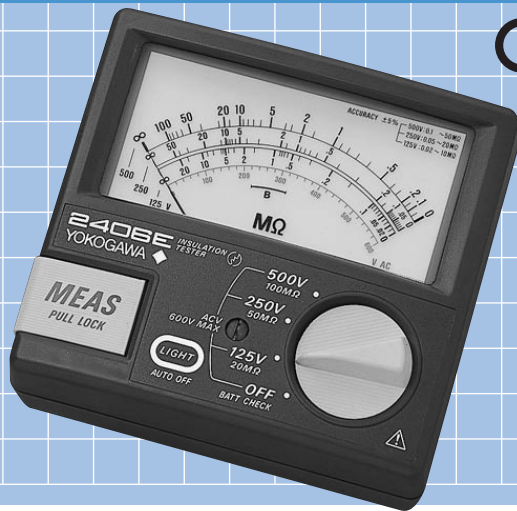


2406E Series of Analog Insulation Testers

2406E SERIES



2406 31 2406 32 2406 33 2406 34 2406 35 2406 41
2406 42 2406 43 2406 44 2406 45

- Analog models with two and three ratings
- AC voltage measurement
- Automatic discharge
- Sky blue EL backlight
- Increased safety (covered battery charger)

Testing Performance Specifications

Model	Rating	Effective Measuring range	Central Scale Value	AC Voltage Measuring range	Lower limit of measured Ω	Rated Current
2406 31	25V/5M Ω	0.001–5M Ω	0.1M Ω	0–300V	0.025M Ω	1mA
2406 41	50V/10M Ω	0.005–10M Ω	0.2M Ω		0.05M Ω	1mA
	125V/20M Ω	0.01–20M Ω	0.5M Ω		0.125M Ω	1mA
2406 32	125V/20M Ω	0.01–20M Ω	0.5M Ω	0–300V	0.125M Ω	1mA
2406 42	250V/50M Ω	0.01–50M Ω	1M Ω		0.25M Ω	1mA
2406 33	125V/20M Ω	0.01–20M Ω	0.5M Ω	0–600V	0.125M Ω	1mA
2406 43	250V/50M Ω	0.01–50M Ω	1M Ω		0.25M Ω	1mA
	500V/100M Ω	0.05–100M Ω	2M Ω		0.5M Ω	1mA
2406 34	250V/50M Ω	0.01–50M Ω	1M Ω	0–600V	0.25M Ω	1mA
2406 44	500V/100M Ω	0.05–100M Ω	2M Ω		0.5M Ω	1mA
	1000V/2000M Ω	1–2000M Ω	50M Ω		1M Ω	1mA**
2406 35	250V/500M Ω	0.1–500M Ω	10M Ω	0–600V	0.25M Ω	1mA**
2406 45	500V/1000M Ω	0.5–1000M Ω	20M Ω		0.5M Ω	1mA**
	1000V/2000M Ω	1–2000M Ω	50M Ω		1M Ω	1mA**

EL-backlit Non-backlit * 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 \pm 5 /45–75% RH

Position of use: Horizontal (5° max. of angle of inclination)

External magnetic fields: 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: \pm 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.

General Specifications

Scale length: Approx. 86 mm (outer scale)

Discharge function: The tester automatically begins discharge when you turn off the MEAS switch. The pointer swings if there is any residual voltage in the circuit under test. You can make sure discharge is complete by checking that the pointer swings back to the infinite (∞) scale value. Under this condition, the tester is ready to enter voltage measurement mode.

AC voltage measurement: AC voltage measurement is possible wherever the rotary switch is positioned.

Dimensions (main unit): Approx. 120 (W) \times 110 (H) \times 60 (D) (mm)

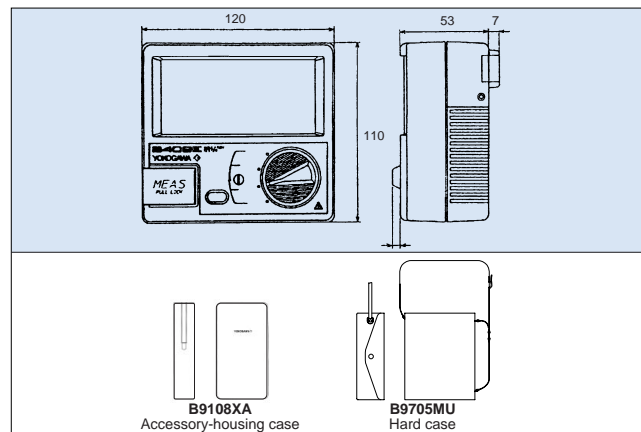
Weight: Approx. 500 g (including batteries)

Batteries: Six AA (R6P) batteries

Accessories: See the list of accessories on the backside of this bulletin for information on accessories.

External Dimensions

Unit: mm



Standard Accessories

Product	Part Number	Qty	Remarks
Earth and Line probes	98007	1	Earth probe(blake);approx. 1m long Line probe(vermilion);approx. 1m long
Carrying case	B9075MU	1	w/probe-housing pocket and neck strap
User's manual	–	1	–
Batteries	–	6	–