

**It's NEW**

YOKOGAWA ◆

Easy to use

# Insulation Tester

Models MY10-01 to 05 in the MY10 series

- AC voltage measurement (Indicator and LED lamp)
- Automatic discharge
- Protection cover included

**Full size**



Pull-up switch improves operability

Easy to read scale

**Reliable!**  
**Compact!**  
**Easy to read**  
**Easy to use**

Yokogawa M&C Corporation

**COMPACT!!**



Bulletin MY10-01E

## Safety Features

- When there is AC voltage between measurement terminals, the pointer indicates "AC voltage" and the LED is lit.
- The MY10 lets you know by turning on the LED lamp if the object under test remains electrified after you've turned off the MEAS switch. The tester automatically begins and finishes discharge (the LED lamp comes on and goes out) if you leave it connected to the electrified object.
- The MY10 lets you know by turning on the LED lamp if the capacitive object under test is electrified. You can leave the tester connected as it automatically discharges electricity, preventing accidents due to electrical shock and noise spikes occurring at power-on.

## General Specifications

•Measurement function:	Insulation resistance and AC voltage
•Additional features:	Automatic discharge, AC voltage detection, battery check (symbol mark BAT)
•Indication:	Analog readings on phosphorescent scale plate with an overall scale length of approximately 107 mm
•Operating temperature and humidity ranges:	0°C to 40°C, 90% RH maximum (non-condensing)
•Storage temperature and humidity ranges:	-10°C to 60°C, 70% RH maximum (non-condensing) Note: Remove the batteries before storage.
•Battery life:	Approximately 10 hrs (manganese oxide batteries) when in continuous operation with the pointer positioned in the middle of the scale plate
•Power supply:	Four AA-size (R6) batteries
•External dimensions:	125mm (W)×103mm (H)×53mm (D), excluding protrusions
•Weight:	Approximately 500 g (main unit and batteries only, excluding accessories)

## View of a MY10 tester housed in a protection cover



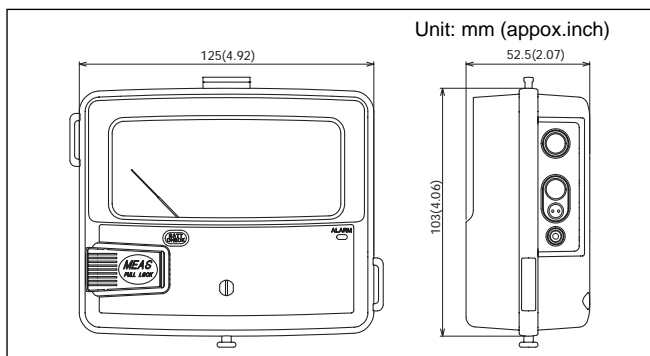
•Safety rating:	EN61010-1:1993, EN61010-2-31:1995 safety standards (Overvoltage Category III, Pollution Degree 2, indoor use)
•Emission:	EN55011: 1998 EN50082-1: 1997 An electromagnetic interference effects the operating tolerances under EN50082-1: 1997 condition.
•Immunity:	<ul style="list-style-type: none"> <li>•Insulation Resistance                             <ul style="list-style-type: none"> <li>1st effective measuring range : ±10% of rdg</li> <li>2nd effective measuring range : ±20% of rdg</li> <li>Infinity and zero indications : 1.4% or less of scale length</li> </ul> </li> <li>•AC Voltage measurement : ±10% of rdg</li> </ul>
•Standard accessories:	Protection cover ..... 1 Shoulder strap ..... 1 Probe set ..... 1 Instruction manual ..... 1 Batteries ..... 4

## Performance(Approved for conformity to JIS\*C1302-1994)

(\*JIS:Japanese Industrial Standard)

Model	Rating	Effective Measuring Range	Central Scale Mark	AC Measuring Range	Lower Limit of Resistance	Rated Current
MY10-01	125 V/20 MΩ	0.01 to 20 MΩ	0.5 MΩ	0 to 250 V	0.125 MΩ	1 to 1.2 mA
MY10-02	250 V/50 MΩ	0.01 to 50 MΩ	1 MΩ	0 to 300 V	0.25 MΩ	1 to 1.2 mA
MY10-03	500 V/100 MΩ	0.05 to 100 MΩ	2 MΩ	0 to 500 V	0.5 MΩ	1 to 1.2 mA
MY10-04	500 V/1000 MΩ	0.5 to 1000 MΩ	20 MΩ	0 to 500 V	1 MΩ	0.5 to 0.6 mA
MY10-05	1000 V/2000 MΩ	1 to 2000 MΩ	50 MΩ	0 to 500 V	2 MΩ	0.5 to 0.6 mA

## Dimensions



## Optional accessories

Product	Model
Line probe	98001
Earth probe	98002
Accessory case	B9108XA
Protection cover	93013
Shoulder strap	99005

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World Wide Web site at  
[http://www.yokogawa.co.jp/MCC/Welcome\\_e.htm](http://www.yokogawa.co.jp/MCC/Welcome_e.htm)

### ⚠NOTICE

- Before using the product, read the instruction manual carefully to ensure proper and safe operation.

YOKOGAWA M&C CORPORATION  
International Sales Dept.

Kojimachi-Tokyu Bldg. 3F  
6-6 Koji-machi, Chiyoda-ku, Tokyo, 102-0083 Japan  
Phone: +81-3-3239-0576 Facsimile: +81-3-3239-0585

Represented by:

MCS-ES6

YOKOGAWA CORPORATION OF AMERICA (U.S.A.) Phone: +1-770-253-7000  
 YOKOGAWA EUROPE B. V. (THE NETHERLANDS) Phone: +31-334-64-1611  
 YOKOGAWA AMERICA DO SUL S. A. (BRAZIL) Phone: +55-11-7295-1433  
 YOKOGAWA ENGINEERING ASIA PTE. LTD. (SINGAPORE) Phone: +65-241-9933  
 HANKUK YOKOGAWA ELECTRIC CO., LTD. (KOREA) Phone: +82-32-510-3304  
 YOKOGAWA TAIWAN CORPORATION (TAIWAN) Phone: +886-2-2321-1113  
 YOKOGAWA AUSTRALIA PTY. LTD. (AUSTRALIA) Phone: +61-2-9805-0699  
 YOKOGAWA BLUE STAR LTD. (INDIA) Phone: +91-80-227-1513  
 LTD. YOKOGAWA ELECTRIC (RUSSIAN FEDERATION) Phone: +7-095-737-7868

Phone: +1-770-253-7000 Facsimile: +1-770-251-2088  
 Phone: +31-334-64-1611 Facsimile: +31-334-64-1610  
 Phone: +55-11-7295-1433 Facsimile: +55-11-7295-1329  
 Phone: +65-241-9933 Facsimile: +65-241-2606  
 Phone: +82-32-510-3304 Facsimile: +82-32-529-6301  
 Phone: +886-2-2321-1113 Facsimile: +886-2-2322-5593  
 Phone: +61-2-9805-0699 Facsimile: +61-2-9888-1844  
 Phone: +91-80-227-1513 Facsimile: +91-80-227-4270  
 Phone: +7-095-737-7868 Facsimile: +7-095-737-7869