

#### Precautions for Safe Use of the Instrument

When handling the instrument, ALWAYS observe all of the cautionary notes on safety given below. Yokogawa M&C Corporation is not at all liable for damage resulting from misuse of this product by the user that is contrary to these cautionary notes.

The instrument and this manual use the following safety symbols:



Danger! Handle with Care.

This symbol indicates that the operator must refer to an explanation in the instruction manual in order to avoid the risk of personal injury or death and/or damage to the instrument.



Double Insulation

This symbol indicates double insulation.



AC Voltage/Current

This symbol indicates AC voltage or current



Ground

This symbol indicates ground (earth)



#### WARNING

Indicates that there is a possibility of serious personal injury or loss of life if the operating procedure is not followed correctly and describes the precautions for avoiding such injury or loss of life.



#### CAUTION

Indicates that there is a possibility of serious personal injury or damage to the instrument if the operating procedure is not followed correctly and describes the precautions for avoiding such injury or damage.

#### NOTE

Draws attention to information essential for understanding the operation and features.



IM 99025  
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#### WARNING

- Never make measurement on a circuit above 300V AC.
- Do not use the instrument in an atmosphere where any flammable or explosive gas present.
- Avoid using the instrument if it has been exposed to rain or moisture or if your hands are wet.
- Do not exceed the maximum allowable input of any measurement range.
- As to current measurement of more than 1000A, do not make measurement continuously.  
The main unit is heated, so there is danger which damages safety.
- Do not use the instrument if there is any damage to the casing or when the casing is removed.
- Do not install substitute parts or make any modification to the instrument.



#### WARNING

To avoid damage to the instrument or electric shock!

The restrictions on the maximum voltage level for which the 99025 testers can be used, depend on the over-voltage categories specified by the safety standards. These category specifications are formulated to protect operators against transient impulse voltage in power lines.

Function	Maximum Allowable Input
~ A	OVERVOLTAGE CATEGORY III
	AC 3000A rms
	Measuring circuit voltage : AC 300V rms

Over-voltage category I (CAT.I):

Signal level, special equipment or parts of equipment, telecommunication, electronic etc., with smaller transient over-voltages than CAT.II.

Over-voltage category II (CAT.II)

Local level, appliance, portable equipment etc., with smaller transient over-voltages than CAT.III.

Over-voltage category III (CAT.III):

Distribution level, fixed installation, with smaller transient over-voltages than CAT.IV.



#### CAUTION

Do not expose the instrument to the direct sun, extreme temperatures or dew fall.

#### NOTE

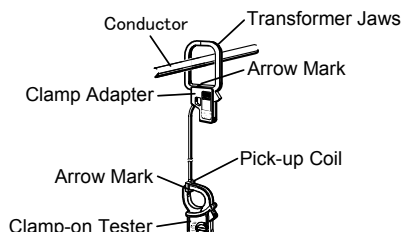
- If equipment generating strong electromagnetic interference is located nearby, the testers may malfunction.

## 1. Features

Model 99025 are designed to increase the measuring capability of your clamp-on testers. With the use of the Clamp Adapter, you can not only extend current ranges, but clamp on a conductor of a larger diameter.

## 2. How to Use

- (1) Clamp your clamp-on tester on the pick-up coil of the Clamp Adapter. Then clamp the Clamp Adapter on the conductor as shown below.
- (2) When you use Clamp Adapter for power or power factor measurement; Clamp your clamp-on tester on the pick-up coil of the Clamp Adapter, assuming that the arrow mark on the pick-up coil points the load side. Then clamp the Clamp Adapter on the conductor so that the arrow mark on the Clamp Adapter jaw points the load side of the conductor.



## 3. SPECIFICATIONS

Measuring Range	0 to 3000A AC
Input / Output	10 : 1
Accuracy	±2% of input ±0.5A
Withstand Voltage	3700V AC for one minute
Dimensions	Clamp Adapter except Pick-up coil 150(W) X 317(H) X 33(D)mm Pick-up coil 45(W) X 40(H) X 10(D)mm
Weight	Approx. 750g
Conductor Size	100mm max. Diameter 100 X 150mm Bus-Bar
Frequency	50Hz / 60Hz
Duty Cycle	Continuous for 0 to 1000A 10 minutes for 1000 to 1500A 30 seconds for 1500 to 3000A
Safety Standards	EN 61010-1 EN 61010-2-032 AC 300V CAT. III / AC 600V CAT. II, Pollution degree2
Accessories	Carrying Case (Model 93035) 1

#### After-sales Service

Should any failure occur while you are using the tester, follow the instructions given below. If the adapter still fails to operate correctly and needs repair, contact the vendor from whom you purchased the instrument or the nearest Yokogawa M&C sales office.



#### YOKOGAWA M&C CORPORATION

##### International Sales Dept.

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Phone: 81-422-52-5716 Facsimile: 81-422-55-8654

##### YOKOGAWA CORPORATION OF AMERICA (U.S.A.)

Phone: 1-770-253-7000 Facsimile: 1-770-251-2088

##### YOKOGAWA EUROPE B. V. (THE NETHERLANDS)

Phone: 31-334-64-1611 Facsimile: 31-334-64-1610

##### YOKOGAWA AMERICA DO SUL S. A. (BRAZIL)

Phone: 55-11-5681-2400 Facsimile: 55-11-5681-1274

##### YOKOGAWA ENGINEERING INSTRUMENTS KOREA CORPORATION (KOREA)

Phone: 82-2-551-0660 Facsimile: 82-2-551-0665

##### YOKOGAWA AUSTRALIA PTY. LTD. (AUSTRALIA)

Phone: 61-2-9805-0699 Facsimile: 61-2-9888-1844

##### YOKOGAWA BLUE STAR LTD. (INDIA)

Phone: 91-80-227-1513 Facsimile: 91-80-227-4270

##### LTD. YOKOGAWA ELECTRIC (RUSSIAN FEDERATION)

Phone: 7-095-737-7868 Facsimile: 7-095-737-7869

##### 計測機器営業部

〒180-8750 東京都武蔵野市中町 2-9-32  
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