






Precautions for Safe Use of the Instrument

When handling the instrument, ALWAYS observe all of the cautionary notes on safety given below. Yokogawa Meters & Instruments 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)
-  **Indicates that this instrument can clamp on bare conductors when measuring a voltage corresponding to the applicable Measurement category, which is marked next to this symbol.**

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.

Keep your fingers and hands behind the barrier during measurement.

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.

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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 measurement 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
	MEASUREMENT CATEGORY III
	AC 3000A rms
	Measuring circuit voltage : AC 300V rms

Measurement category I (CAT.I):

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

Measurement category II (CAT.II)

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

Measurement 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

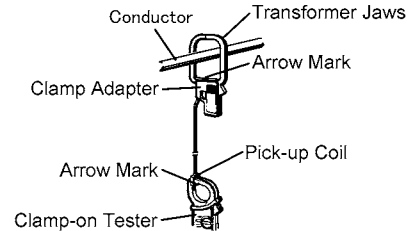
- If equipment generating strong electromagnetic interference is located nearby, the testers may malfunction.

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	
Weight	Pick-up coil	
	45(W) X 40(H) X 10(D)mm	
Conductor Size	Approx. 750g	
Frequency	100mm max. Diameter	
	100 X 150mm Bus-Bar	
Duty Cycle	50Hz / 60Hz	
	Continuous for	0 to 1000A
	10 minutes for	1000 to 1500A
Safety Standards	30 seconds for	1500 to 3000A
	EN 61010-1	
	EN 61010-2-032	
Accessories	AC 300V CAT. III / AC 600V CAT. II, Pollution degree2	
	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.

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Yokogawa Meters & Instruments Corporation

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YOKOGAWA AUSTRALIA PTY. LTD. (AUSTRALIA)
Phone: 61-2-9805-0699 Facsimile: 61-2-9888-1844
YOKOGAWA BLUE STAR LTD. (INDIA)
Phone: 91-80-4158-6000 Facsimile: 91-80-2852-1441
LTD. YOKOGAWA ELECTRIC (RUSSIAN FEDERATION)
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