






#### Precautions for Safe Use of the Instrument

When operating the instrument, be sure to observe the cautionary notes given below to ensure correct and safe use of the instrument. If you use the instrument in any way other than as instructed in this manual, the instrument's protective measures may be impaired. YOKOGAWA is by no means liable for any damage resulting from use of the instrument in contradiction 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.



Yokogawa Meters & Instruments Corporation

IM 99025

5th Edition : Jan.2016 (KYOU)

#### WARNING

- This instrument is for measuring AC current (clamping sensor). Do not use this instrument for other purpose.
- 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. Do not use the probes for measurements in location falling under Measurement Category IV.

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

O( None, Other)

Other circuits that are not directly connected MEAINS.

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.

Measurement category IV (CAT. IV):

Primary supply level, overhead lines, cable systems, and on.

#### 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

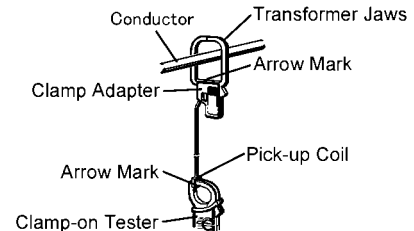
Model 99025 are designed to increase the measuring capability of your clamp-on testers. With the use of the Clamp Adapter, you can not only extend current ranges, but clamp on a conductor of a larger diameter.

#### 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	4240V AC for 5 sec.
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
Environmental standard	EN 50581 Monitoring and control instruments
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 sales office.

Contact information of Yokogawa offices worldwide is provided on the following sheet. PIM 113-01Z2: Inquiries List of worldwide contacts

#### Authorized Representative in the EEA

Yokogawa Europe B.V. is the authorized representative of Yokogawa Meters & Instruments Corporation for this product in the EEA.

To contact Yokogawa Europe B.V., see the separate list of worldwide contacts, PIM 113-01Z2.

#### Waste Electrical and Electronic Equipment (WEEE), Directive

(This directive is valid only in the EU.)

This product complies with the WEEE directive marking requirement.

This marking indicates that you must not discard this electrical/electronic product in domestic household waste.

#### Product Category

With reference to the equipment types in the WEEE directive, this product is classified as a "Monitoring and control instruments" product.

When disposing products in the EU, contact your local

Yokogawa Europe B.V. office.

Do not dispose in domestic household waste.

