

User's Manual

CL Series Clamp-on Tester For Standard

Supplement

This paper supplements the User's Manual of Clamp-on Testers (except for Model CL420).

CL Series: CL120, CL150, CL155, CL220, CL250, CL255,
CL320, CL340, CL345, CL360

This document contains explanations for standard.

Manual of the CL Series

The following manuals are provided as manuals for the CL Series (except for Model CL420).
Read them along with this manual.

Manual Title	Manual No.	
	IM 00C01C01-01Z1	Safety manual (European languages)
CL Series	IM CL-S03	For Standard (this manual)
CL Series	IM CL-S04-EN	Disposing the Battery (EU Battery Directive) For Model: CL150, CL155, CL220, CL250, CL255, CL320, CL340, CL345, CL360
CL120 and CL235	IM CL120-S01-EN	Disposing the Battery (EU Battery Directive) For Mode: CL120
CL Series	IM CROHS-CL	Document for China For Mode: CL120, CL220, CL320, CL340, CL345, CL360
CL Series	IM CL-93Z2	Document for Korea

Contact information of Yokogawa offices worldwide is provided on the following sheet.

Document No.		
PIM 113-01Z2	Inquiries	List of worldwide contacts

Precautions for Safe Use of the Instrument

This product is designed to be used by a person with specialized knowledge.
The general safety precautions described herein must be observed during all phases of operation.
If the instrument is used in a manner not specified in this manual, the protection provided by the instrument may be impaired.
This document and the user's manual of clamp-on tester are an essential part of the product; keep it a safe place for future reference.
YOKOGAWA assumes no liability for the customer's failure to comply with these requirements.

YOKOGAWA ◆

IM CL-S03
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横河計測株式会社
Yokogawa Test & Measurement Corporation

⚠ WARNING

- The instrument is a current measurement instrument.
Do not use this instrument for any other purpose.
- Be careful not to make the device (conductor) under test short-circuit with metal part of the jaws or test leads.

⚠ CAUTION

- The use of this instrument is limited to residential, commercial, and light-industrial environments.
This instrument may not be able to measure accurately if it is near other equipment generating strong electromagnetic interference or a strong magnetic field caused by large current.
- To verify the instrument's functionality, check that the measured value is update after turning on the power. If the measured value is not updated, the reading will be incorrect and may lead to possible electrical shock or personal injury.

Measurement Category of the Test leads

⚠ WARNING

- When you use the test leads, attach or remove the caps according to the measurement category.
- If the signal cable of the test leads is torn and the inner metal is exposed or if a color different from the outer sheath appears, stop using the cable immediately.

With Caps*: 1000V 10A CAT III/600V 10A CAT IV

Without Caps*: 1000V 10A CAT II/600V 10A CAT II

Model: 98072 *Caps of Test leads



When the test lead (98072) is used*1: Model CL150, CL155, CL250, CL255

■ General Specifications

Safety Standards

All models: EN 61010-1, EN IEC 61010-2-032

Models that use test leads*1: EN 61010-031

Indoor use, operating altitude 2000 m or less, pollution degree 2

EMC Standards

EN 61326-1 Class B Table 1, EN 61326-2-2

EN 55011 Class B Group 1

Group 1: Equipment that does not intentionally generate or use radio-frequency (RF) energy

EMC Regulatory Arrangement in Australia and New Zealand

Korea Electromagnetic Conformity Standard (한국 전자파적합성기준)

Environmental standards EU RoHS Directive compliant

For conformity to environmental regulations and/or standards other than EU, contact your nearest YOKOGAWA office (PIM113-01Z2).

Authorized Representative in the EEA

Authorized Representative in the EEA Yokogawa Europe B.V. is the authorized representative of Yokogawa Test & Measurement Corporation for this product in the EEA.

(EEA: European Economic Area)

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

Clamp-on Tester



Model: CL150, CL155
CL220, CL250, CL255
CL320, CL340, CL345, CL360

How to Replace and Dispose the Batteries

Batteries and Waste Batteries

(EU Battery Directive/Regulation valid only in the EEA* and UK Battery Regulation in the UK)

Batteries are included in this product.
When you remove batteries from this product and dispose them,
discard them in accordance with domestic law concerning disposal.
Take a right action on waste batteries, because the collection systems in the EEA and UK on
waste batteries are regulated. (*EEA: European Economic Area)

CL150, CL155 CL250, CL255, CL340, CL345, CL360	CL220, CL320
Battery type: Manganese dry cell  Pb	Battery type: Alkaline cell 
Criterion value (weight percent): Lead (Pb) 0.004%	

Notice:

This marking indicates they shall be sorted out and collected as ordained in the EU battery
Directive/Regulation and UK battery Regulation.
The chemical symbol beneath the marking means relevant chemical substance is
contained more than criterion value in battery.

How to remove batteries safely:

For further details, see "Battery Replacement" in the User's Manual.