1. SAFETY WARNINGS

The instrument has been designed and tested according to EN61010-1 Safety Protection for Electrical Test Equipment, and EN61010-031 Safety Protection for Electrical Test Equipment (for use in a potentially explosive gas atmosphere). It satisfies the specified standard and can be used safely by a user who is aware of due care. Therefore, read through these operating instructions before using the instrument.

1.1 Purpose

This instrument is designed to measure resistance. The instrument must be used as a test instrument, and these instructions are for those who are familiar with the instrument. Make sure to use the instrument in the proper manner. Do not use the instrument if it looks damaged.

1.2 Accessory and Usage

This instrument contains warnings and safety rules which have to be observed by the user to prevent serious injury and damage to equipment under test. Therefore, read through these operating instructions before using the instrument.

1.3 Description

The instrument is composed of insulating test leads, a test terminal, and a sensor. The test terminal is used to connect the voltage and current sources. The sensor is used to measure the resistance. The accuracy of the sensor is checked with the internal reference resistance of the instrument in power-off state.

The CAT.III, CAT.IV, and CAT. III are the highest categories of electromagnetic compatibility (EMC) for industrial electronic equipment. CAT.III is the equivalent of IEC 61010-1, a standard for the electromagnetic compatibility of test and measurement equipment. CAT.IV is the equivalent of IEC 61010-2-031, a standard for the electromagnetic compatibility of test and measurement equipment. CAT.III is the equivalent of IEC 61010-031, a standard for the electromagnetic compatibility of test and measurement equipment.

1.4 Federal Communication Commission declaration

This instrument complies with Part 15 of the Federal Communication Commission (FCC) Rules. Operation is subject to the following two conditions:

1) This instrument may not cause interference, and
2) This instrument must accept any interference, including interference that may cause undesired operation.

1.5 CE mark

This instrument bears the CE mark. It conforms to the essential requirements of the relevant EC directives.

1.6 Disposal of battery packs

The batteries used in this instrument are rechargeable. Do not dispose of batteries in household waste. They can be recycled.

2. FEATURES

This instrument is capable of measuring resistance, AC current, AC voltage, and light weight. Therefore, it is suitable for use in industrial environments.

3. INSTRUMENT LAYOUT

The instrument is composed of a LCD display, a test terminal, a sensor, and a power supply. The LCD display is used to display the measurement results.

4. SPECIFICATION

5. OPERATING INSTRUCTIONS

6.3 Connecting to MODEL6300 Power Meter

When using this instrument together with our Power meter, MODEL6300, follow the instructions on the manual. The operation is as follows:

6.4 Displaying on MODEL6300 Power Meter

When using this instrument together with our Power meter, MODEL6300, follow the instructions on the manual. The operation is as follows:

6.5 Displaying on KEW8129 Power Meter

When using this instrument together with our Power meter, KEW8129, follow the instructions on the manual. The operation is as follows:

7. ACCESSORIES

This instrument is supplied with the following accessories:

- Carrying case
- Carrying handle
- Connector cable
- Sensor
- Operating instructions

The EX role is designed to display the LED of EX when using the instrument.