

# IDEAL INDUSTRIES, INC.

## TECHNICAL MANUAL

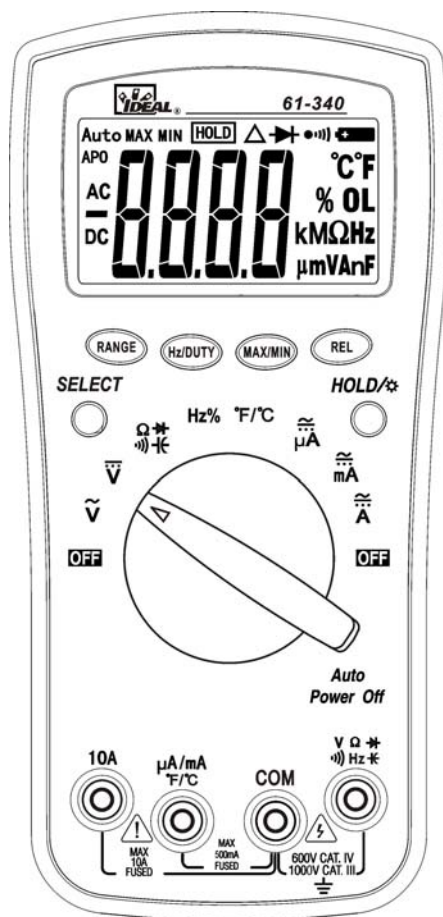
**MODEL: 61-340**

**MODEL: 61-342**

## Multimeter Service Information

*The Service Information provides the following information:*

- Precautions and safety information
- Specifications
- Basic maintenance (cleaning, replacing the battery and fuses)
- Performance test procedures
- Calibration and calibration adjustment procedures



Form Number: TM61340-2

Revision: 3. Date: January 2008

## Introduction

### Warning

To avoid shock or injury, do not perform the verification tests or calibration procedures described in the manual unless you are qualified to do so.

The information provided in this document is for the use of qualified personnel only.

### Caution

The 61-340 serials contain parts that can be damaged by static discharge.

Follow the standard practices for handling static sensitive devices.

For additional information about IDEAL INDUSTRIES, INC. and its products, and services, visit IDEAL INDUSTRIES, INC. web site at:

[www.idealindustries.com](http://www.idealindustries.com)

## Precautions and Safety Information









Use the meter only as described in the Service Manual. If you do not do so, the protection provided by the meter may be impaired. Read the “Safety Information” page before servicing this product.

In this manual, a **Warning** identifies conditions and actions that pose hazard (s) to the user; a **Caution** identifies conditions and actions that may damage the meter or the test instruments.

## The Symbols

The symbols used on the meter and in this manual are explained in Table A.

**Table A. The Symbols**

	Risk of electric shock
	See instruction card (Caution information)
	DC measurement
	Equipment protected by double or reinforced insulation
	Low Battery indicator
	Earth
	AC measurement
	Conforms to EU directives