

# DM-350

## TRMS Digital Multimeter

### Large LCD Display

for easy viewing

### Non-Contact Voltage Detection

with the push of a button

### Selectable Backlighting

for poorly lit work environments

### Low Current Range

for HVAC applications

### Ergonomically Designed

offset selection dial

### Non-Slip Grip

adds to the durability

### Category IV Safety Rating

means this tool can be used in a wide range of electrical environments

#### PRODUCT FEATURES

- True RMS for no compromise accuracy when harmonics are present.
- Large LCD display for easy viewing.
- AC/DC voltage, AC/DC amperage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Easy viewing, backlit display.
- Auto Off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Capacitance measurement.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Audible input alert warns user if leads are in incorrect position.
- Lifetime Limited Warranty.

#### CONTENTS/ACCESSORIES

- (1) 9V Battery
- Test Leads
- Carrying Case

#### SPECIFICATIONS

- Voltage measurement: 600.0 mV; 6.000, 60.00, 600.0, 1000V
- Amperage measurement: 600.0, 2000  $\mu$ A; 6.000, 10.00 A
- Frequency measurement: 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range
- Resistance measurement: 600.0  $\Omega$ ; 6.000, 60.00, 600.0 k $\Omega$ ; 6.000, 60.00 M $\Omega$
- Capacitance: 600.0 nF; 6.000, 60.00, 600.0, 2000  $\mu$ F
- Display: 6000-count LCD
- Measurement Category: CAT IV, 600V; CAT III, 1000V



# DM-300 Series

## Quick Reference Guide

Catalog Number	DM-300	DM-310	DM-330	DM-350
LCD Count	6,000	6,000	6,000	6,000
ACV/DCV (6.000V~1000V)	✓	✓	✓	✓
OHM (600.0~60.00M ohm)	✓	✓	✓	✓
Continuity	✓	✓	✓	✓
Diode	✓	✓	✓	✓
MAX/MIN	✓	✓	✓	✓
HOLD	✓	✓	✓	✓
EF(NCV)	✓	✓	✓	✓
Hz (5.000~100kHz)	V	V, A	V, A	V, A, $\mu$ A
Measurement Category	CAT III 1000V	CAT III 1000V	CAT III 1000V	CAT III 1000V
	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V
TRMS/AVG	TRMS	AVG	TRMS	TRMS
Input Warning	—	✓	✓	✓
Capacitance (60.00 nF~3200 nF)	—	✓	✓	✓
AC/DC A (6.000~10.00A)	—	✓	✓	✓
AC/DC $\mu$ A (600.0~6000 $\mu$ A)	—	—	—	✓
Backlight	—	—	—	✓

COMMON FEATURES

DIFFERENTIATIONS

#### Ordering Information

CAT. NO.	UPC NO.	DESCRIPTION	QTY
DM-300	11868	DMM, 1000V RMS	1
DM-310	11869	DMM, 1000V 10A AVG	1
DM-330	11870	DMM, 1000V 10A RMS	1
DM-350	11871	DMM, 1000V 10A RMS BL	1



**GREENLEE**  
A Textron Company

USA 800-435-0786 Fax: 800-451-2632  
815-397-7070 Fax: 815-397-1865  
Canada 800-435-0786 Fax: 800-524-2853  
International+1-815-397-7070 Fax:+1-815-397-9247

4455 Boeing Drive • Rockford, IL 61109-2988 • USA • 815-397-7070  
©2005 Greenlee Textron Inc. • An ISO 9001 Company • Printed in USA  
Greenlee Textron Inc. is a subsidiary of Textron Inc.

www.greenlee.com

MA-4668 03/05



**GREENLEE**  
A Textron Company

# DM-300 Series

## Digital Multimeters



There With You  
faster • safer • easier<sup>SM</sup>

HOLEMAKING | BENDING | FISHING/CABLE PULLING/MATERIAL HANDLING | WIRE & CABLE TERMINATION | VOICE/DATA/VIDEO | TESTING & MEASUREMENT | STORAGE





# Four Multimeters, Four Reasons To Buy Greenlee

## DM-300 Series Digital Multimeters...

### Improving testing one meter at a time

Greenlee's introduction of the DM-300 Series digital multimeters gives the electrician four more reasons to own a Greenlee test instrument and is an extension of the already broad family of Greenlee multimeters. The DM-300 Series is intended to provide the electrician with affordably priced autoranging True RMS and average-responding digital multimeters.

The DM-300 Series can be used in a variety of applications, such as measuring AC and DC voltage, checking diodes, and verifying continuity. All four meters have non-contact and single probe voltage detection. The DM-310, DM-330 and DM-350 multimeters have the following additional measurement capabilities: AC and DC current, capacitance and input error warning. The input error warning alerts the user with a beep and error message on the LCD if the test lead is plugged into the amp input terminal while the selector switch is not in the amp position. Beyond these features, the DM-350 has additional low AC and DC current range measurement as well as a backlit display. The low current ranges are especially suited for HVAC applications.

All of the DM-300 Series multimeters come with a durable carrying case, test leads and battery. In line with Greenlee's other faster, safer and easier tools, the DM-300 Series multimeters all have safety category ratings of Category IV 600V and Category III 1000V. As always, Greenlee's test and measurement products are backed by a Lifetime Limited Warranty.

So, review the information contained in this brochure and make sure to add one or all of the Greenlee DM-300 series to your tool bag!

### DM-330 TRMS Digital Multimeter

#### PRODUCT FEATURES

- True RMS for no compromise accuracy when harmonics are present.
- Large LCD display for easy viewing.
- AC/DC voltage, AC/DC amperage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Auto Off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Capacitance measurement.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Audible input alert warns user if leads are in incorrect position.
- Lifetime Limited Warranty.

#### CONTENTS/ACCESSORIES

- (1) 9V Battery
- Test Leads
- Carrying Case



#### SPECIFICATIONS

- Voltage measurement: 600.0 mV; 6.000, 60.00, 600.0, 1000V
- Amperage measurement: 6.000, 10.00 A
- Frequency measurement: 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range
- Resistance measurement: 600.0 Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
- Capacitance: 600.0 nF; 6.000, 60.00, 600.0, 2000 μF
- Display: 6000-count LCD
- Measurement Category: CAT IV, 600V; CAT III, 1000V

### DM-310 Averaging Digital Multimeter

#### PRODUCT FEATURES

- Use to measure voltage, resistance, current and continuity.
- Excellent for measuring AC voltage of electrical circuits.
- AC/DC voltage, AC/DC amperage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- Auto Off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Capacitance measurement.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Audible input alert warns user if leads are in incorrect position.
- Lifetime Limited Warranty.

#### CONTENTS/ACCESSORIES

- (1) 9V Battery
- Test Leads
- Carrying Case



#### SPECIFICATIONS

- Voltage measurement: 600.0 mV; 6.000, 60.00, 600.0, 1000V
- Amperage measurement: 6.000, 10.00 A
- Frequency measurement: 40 Hz minimum, 100 Hz to 60 kHz maximum, depending on function and range
- Resistance measurement: 600.0 Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
- Capacitance: 600.0 nF; 6.000, 60.00, 600.0, 2000 μF
- Display: 6000-count LCD
- Measurement Category: CAT IV, 600V; CAT III, 1000V

### DM-300 TRMS Digital Multimeter

#### PRODUCT FEATURES

- Use to measure voltage, resistance, and continuity.
- Excellent for measuring AC voltage of electrical circuits.
- AC/DC voltage measurement.
- Non-contact voltage detection for identifying live lines without contacting conductors.
- True RMS for the most accurate measurement when harmonics are present.
- Auto Off for longer battery life.
- Low battery indicator.
- Resistance measurement.
- Audible continuity and diode tests.
- Data hold to capture measurement.
- 6000-count LCD for high resolution.
- Min/Max feature for added versatility.
- Lifetime Limited Warranty.

#### CONTENTS/ACCESSORIES

- (1) 9V Battery
- Test Leads
- Carrying Case



#### SPECIFICATIONS

- Voltage measurement: 600.0 mV; 6.000, 60.00, 600.0, 1000V
- Resistance measurement: 600.0 Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
- Display: 6000-count LCD
- Measurement Category: CAT IV, 600V; CAT III, 1000V

