



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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GREENLEE®

A Textron Company

DM-860A

Industrial
Digital
Multimeter



More Safety. More Performance. More Versatility.

Safety, performance and versatility set Greenlee's series of Enhanced Smart Meter™ (ESM™) Digital Multimeters apart from the rest. The DM-860A is a full featured Industrial Digital Multimeter and the latest addition to the family.

Safety – The highest level of safety protection with a UL Category IV, 1000V rating. The Beep-Jack™ visual and audible warning system helps prevent improper test lead connections and avoids blown fuses and damage to the meter.

Performance – Provides the user with superior accuracy and functionality. The 50,000 count display with AC+DC True RMS and VFD (Variable Frequency Drive) voltage and frequency functions

allow for accurate readings on noisy waveforms. Autoranging for convenient operation and time savings.

Versatility – Rugged, multifunction capability to meet today's demanding jobs. The relative offset display mode makes monitoring relative measurement changes simple. The USB interface using the optional DMSC-9U cable and software allows for connection to a PC for extended measurement capability.

Dollar for dollar the Greenlee DM-860A Digital Multimeter provides the features, functions, and overall value demanded by today's professionals.

Features

- AC+DC True RMS, 50,000-count dual display for greater accuracy. 500,000 count available in DC voltage mode.
- VFD (variable frequency drive) voltage and frequency functions for accurate readings on noisy drive waveforms.
- Beep-Jack™ audible and visual input alert helps avoid blown fuses or damage to meter.
- 41-segment analog bar graph makes it easy to view quick changes.
- Record max, min, avg, and max-min and data hold.
- Crest capture (peak hold) max and min readings.
- Relative offset display mode makes monitoring relative measurement changes simple.
- Performs resistance, conductance, frequency, duty cycle, temperature and capacitance measurements, plus diode and continuity tests.
- Dual temperature measurement up to 1832°F/1000°C using type K thermocouples.
- Autoranging for convenient operation and time savings.
- Bright, backlit display is easy to read under any light condition.
- Intelligent Auto Power Off conserves battery life but will not turn meter off during measurements.
- Wide AC bandwidth – to 100 kHz for voltage and 20 kHz for current.
- USB interface using optional DMSC-9U cable and software allows connection to a PC for extended measurement capability.
- Accessories included: (1) 9V battery, bead temperature probe (400°F/ 204°C max.), test leads, protective boot, carrying case.
- Lifetime Limited Warranty.

Specifications

Voltage Measurement	500.00mV; 5.0000, 50.000, 500.00, 1000.0V
DC Voltage Measurement	500,000 counts mode: 500.000mV; 5.00000, 50.0000, 500.000, 1000.00V
Amperage Measurement	500.00, 5000.0µA; 50.000, 500.00mA; 5.0000, 10.000A
Resistance	500.00Ω; 5.0000, 50.000, 500.00kΩ; 5.0000, 50.000MΩ
Conductance	99.99 nS
Capacitance	50.00; 500.0nF; 5.000, 50.00, 500.0µF; 5.000, 25.00 mF
Frequency	5Hz-200kHz sine wave; 5Hz-2MHz logic level square wave
Temperature	K type, -58°F to 1832°F (-50°C to 1000°C)
Measurement Category	CAT IV, 1000V

Ordering Information

■ = NEW PRODUCT **R** = REPLACEMENT PART **A** = ACCESSORY

CAT NO.	UPC NO.	DESCRIPTION	QTY.
DM-860A	12938	Industrial 500,000-Count Digital Multimeter	1
DM-860A-C	02069	Industrial 500,000-Count Digital Multimeter (Calibrated)	1
TC-20	07535 R	Carrying Case (included)	1
TSG-3	12034 R	Sure-Grip Test Leads	1
TPB	07592 R	Bead Temperature Probe	1
DMSC-9U	35773 A	For DM-800A Series and DML-430A Multimeters	1

DISTRIBUTOR INFORMATION:

DM-860A DETAILED FEATURES	
True RMS	AC+DC
VFD (variable frequency drive) Volts & Frequency	◆
DCA (A max)	10
Maximum resolution (µA)	0.01
Best accuracy (%)	0.1
ACA (A max)	10
Maximum resolution (µA)	0.01
Best accuracy (%)	0.5
DCV (V max)	1000
Maximum Resolution (µV)	1
Best accuracy (%)	0.02
ACV (V max)	1000
Maximum resolution (µV)	10
Best accuracy (%)	0.3
Resistance (MΩ)	50
Maximum resolution (mΩ)	10
Best accuracy (%)	0.07
Conductance	◆
Continuity and beeper	•
Diode Test	•
Capacitance	•
Frequency	•
Duty Cycle	•
Frequency Response (Hz)	20~100k
Temperature Inputs	2
Display Type	Digital
Dual Digital Display	◆
Display Counts	50,000 / 500,000
Backlight	•
Display update X/sec	5
Analog bar graph	41
Analog update X/sec	60
Computer Interface	USB ◆
Auto and manual ranging	•
Intelligent Auto Power Off	•
Beep-Jack™ Input error warning	•
Peak (crest) Hold - Max, Min	•
Data Hold	•
Max/Min/Avg	◆
Relative offset mode (Δ)	•
Process measurement (%4-20 mA)	•
Measurement Category Rating	IV 1000 ◆
UL	•
cUL or CSA	•
CE	•

◆ Improved features over previous DM-860



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