

... and the products you'd like to see Greenlee provide to help you get through it.

Thank you for submitting your ideas to us. As a token of our appreciation, please expect a gift from Greenlee to be mailed to you in the next few weeks.



Here's what I go through:

Here's what I'd like to see Greenlee offer:

- Please send me a Greenlee full-line catalog.
- Please have a sales representative contact me.

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## Introducing the Big Daddy of CAT IV Clamp Meters

### The 1000A AC/DC True RMS Clamp Meter

The new Greenlee CM-1550 clamp meter has independently tested Category IV compliance for safer and more accurate readings.



Accessories included: (1) 9 V battery, test leads, carrying case



SPECIFICATIONS	
Amperage Measurement	400.0, 1000A
Voltage Measurement	AC V 400.0, 750V; DC V 400.0, 1000V
Resistance	400.0Ω
Frequency	0.400kHz
Display	4000 Count LCD display
Jaw Opening	2.0" (51 mm)
Measurement Category	Cat IV, 600V per IEC 61010-1; Cat III, 750V AC/1000V DC per UL 3111-1

- True RMS for the most accurate measurement when harmonics are present
- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy to read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9 V battery, test leads, carrying case

### 1000A AC/DC Clamp Meter



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Amperage Measurement	400.0, 1000A
Voltage Measurement	AC V 400.0, 750V; DC V: 400.0 1000V
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- MIN/MAX feature for added versatility.
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- Audible continuity test.
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- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case.

### 1000A AC True RMS Clamp Meter



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Voltage Measurement	AC V 400.0, 750V; DC V 400.0 1000V
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### 600A AC/DC True RMS Clamp Meter



SPECIFICATIONS	
Amperage Measurement	400.0, 600A
Voltage Measurement	400.0, 600V
Resistance	400.0Ω
Frequency	0.400kHz
Display	4000 Count LCD display
Jaw Opening	1.38" (35 mm)
Measurement Category	Cat III, 600V per UL 3111-1



- True RMS for the most accurate measurement when harmonics are present
- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy to read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Auto zero for DCA measurement.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9 V battery, test leads, carrying case.

### 600A AC/DC Clamp Meter



SPECIFICATIONS	
Amperage Measurement	400.0, 600A
Voltage Measurement	400.0, 600V
Resistance	400.0Ω
Frequency	0.400kHz
Display	4000 Count LCD display
Jaw Opening	1.38" (35 mm)
Measurement Category	Cat III, 600V per UL 3111-1



- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy to read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Auto zero for DCA measurement.
- Selectable Auto Off for longer battery life.
- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case

### 600A AC True RMS Clamp Meter



SPECIFICATIONS	
Amperage Measurement	AC - 200.0, 600A
Voltage Measurement	400.0, 600V
Resistance	400.0Ω
Frequency	0.400kHz
Display	4000 Count LCD display
Jaw Opening	1.34" (34 mm)
Measurement Category	Cat III, 600V per UL 3111-1



- True RMS for the most accurate measurement when harmonics are present
- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy to read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.

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Amperage Measurement	400.0, 600A
Voltage Measurement	400.0, 600V
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- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Selectable Auto Off for longer battery life.
- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case

### Electrical Tester

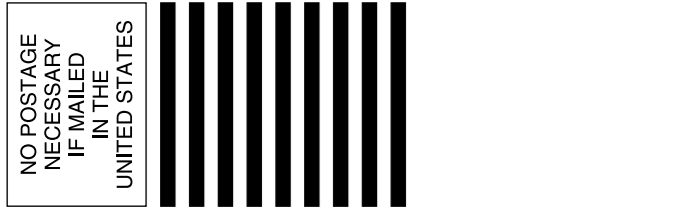


SPECIFICATIONS	
Amperage Measurement	0.6 - 400.0A AC
Voltage Measurement	AC V: 1.3-600.0V DC V: 1.8-600.0; -0.6 to -600.0V
Resistance	2000Ω with continuity beeper
Display	6000 Count LCD
Jaw Opening	1.06" (27 mm)
Measurement Category	Cat III, 600V per UL 3111-1



- Hassle free, automatic measurement of amperage, voltage, and resistance.
- Compact design for measuring in tight spaces.
- 400A AC, 600V AC/DC measurement.
- Data hold to capture important readings.
- Auto off for longer battery life.
- Accessories included: (1) 9 V battery, test leads, carrying case.

For more information on other Greenlee products, please fill out the postcard below, visit our website at [www.greenlee.com](http://www.greenlee.com) or call 1-800-435-0786



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**Greenlee Introduces CAT IV Meters.**

Meeting today's stringent safety standards is essential. We're introducing test instruments which meet the IEC (International Electrotechnical Commission) standards for Category IV. Category IV will cover the highest, and most dangerous, level of transient overvoltage you're likely to encounter in utility service to a facility.

Greenlee's certification of selected instruments to both the most recent UL 3111 requirements and the IEC Category IV requirements brings you assurance of the highest level of protection currently available.

**What you should know about Measurement Category ratings.**

IEC category standards specify protection levels that are far above a system's rated capacity. Without this additional protection, transient overvoltages, which are becoming increasingly common, can lead to serious injury or death.

**Measurement Category I** is the signal level for telecommunications and electronic equipment.

**Measurement Category II** is the local level for fixed or nonfixed powered devices – everything from lighting to appliances to office equipment such as copiers. May also be used in Category I areas.

**Measurement Category III** is the distribution level – fixed primary feeders or branch circuits. These circuits are usually separated from Category IV (whether utility service or other high-voltage source) by a minimum of one level of transformer isolation. May also be used in Category II and Category I areas.

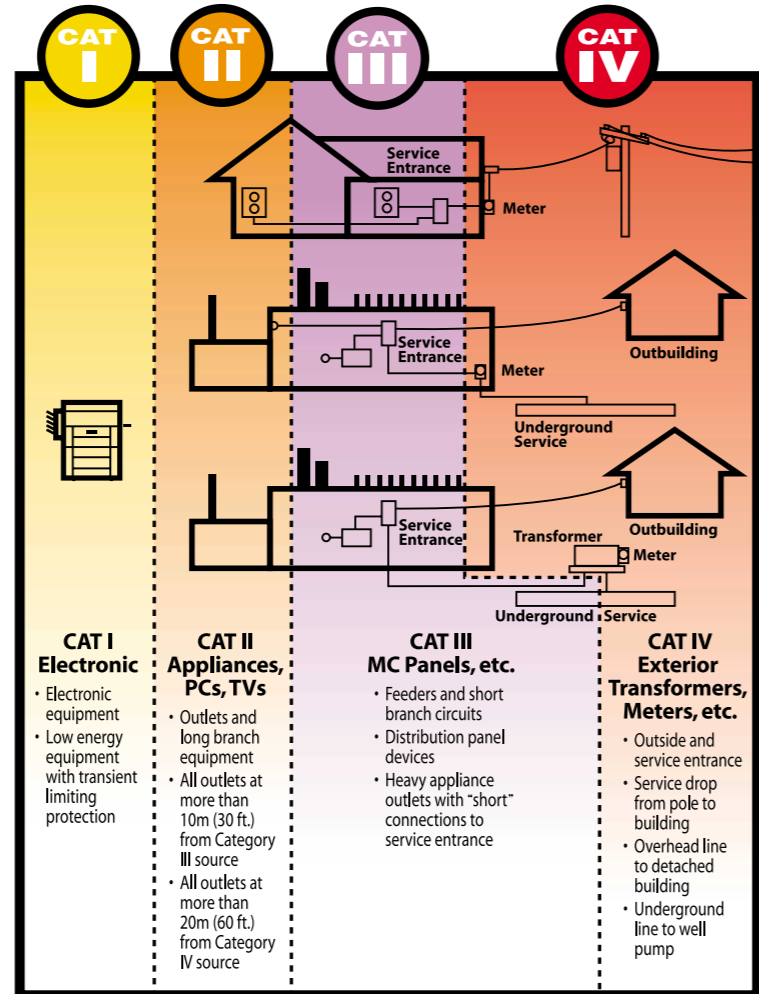
**Measurement Category IV** is the primary supply level. Greenlee is leading the way in offering protection certified to conform with the highest level of protection as specified by UL & IEC standards. May be used in all Category environments.

**Greenlee Instruments – Independently tested and certified to meet the standards.**

Throughout this catalog, you'll see Category designations for many Greenlee instruments indicating that they comply with UL & IEC Category II, III, IV. All of these designations reflect third-party testing by independent testing organizations such as UL and TUV – added assurance for you. While there is no requirement for independent verification, we believe you deserve it.

**Get the right protection for the job.**

Wherever you need overvoltage protection, choose at least the rating appropriate to the type of work you expect to be doing. If you have any questions on using Greenlee test instruments to help ensure user (or wiring system end user) safety, please contact Greenlee.



**Clamp-on Meter Comparison Guide**

FEATURE	CM-1550	CM-1500	CM-1350	CM-1300	CM-950	CM-900	CM-850	CM-800	CMT-80
True RMS	•	•	•	•	•	•	•	•	•
DCA (A max)	1000	1000			600	600			
Maximum resolution (A)	0.1	0.1			0.1	0.1			
Best accuracy (%)	1.2	1.2			1.2	1.2			
ACA (A max)	1000	1000	1000	1000	600	600	600	600	400
Maximum resolution (A)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8
DCV (V max)	1000	1000	1000	1000	600	600	600	600	600
Maximum resolution (V)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0
ACV (V max)	750	750	750	750	600	600	600	600	600
Maximum resolution (V)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5
Resistance (Ω)	400	400	400	400	400	400	400	400	2000
Maximum resolution (Ω)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
Best accuracy (%)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
Continuity and beeper	•	•	•	•	•	•	•	•	•
Frequency	•	•	•	•	•	•	•	•	•
Frequency response (Hz)	50-200	50-200	50-400	50-400	50-200	50-200	50-400	50-400	50-60
Jaw Opening	2.0"	2.0"	2.0"	2.0"	1.38"	1.38"	1.34"	1.34"	1.34"
	(51 mm)	(51 mm)	(51 mm)	(51 mm)	(35 mm)	(35 mm)	(34 mm)	(34 mm)	(34 mm)
Display type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Display update X/sec	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1
Count	4000	4000	4000	4000	4000	4000	4000	4000	6000
Analog bar graph	42	42	42	42	42	42	42	42	
	segments	segments	segments	segments	segments	segments	segments	segments	
Analog update X/sec	13	13	13	13	13	13	13	13	
Low Battery Indicator	•	•	•	•	•	•	•	•	•
Autoranging	•	•	•	•	•	•	•	•	•
Auto power off	•	•	•	•	•	•	•	•	•
Peak hold	•	•	•	•	•	•	•	•	•
Data hold	•	•	•	•	•	•	•	•	•
Min, max	•	•	•	•	•	•	•	•	•
UL 3111-1 listed	•	•	•	•	•	•	•	•	•
Measurement Category	IV, 600V III, 1000V	IV, 600V III, 1000V	IV, 600V III, 1000V	IV, 600V III, 1000V	III, 600V	III, 600V	III, 600V	III, 600V	III, 600V
cUL or CSA	•	•	•	•	•	•	•	•	•
UL Classified	•	•	•	•	•	•	•	•	•
CE	•	•	•	•	•	•	•	•	•



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For more information, contact us at [www.greenlee.com](http://www.greenlee.com)



**Clamp Meters that make the grade**  
Independently tested and certified to meet the highest standards



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