



Testing equipment can be put to good use ensuring that electrical equipment is properly installed and safe to operate. Faulty installations can be lethal; the condition of electrical installations can be established when contractors use test equipment. Gardner Bender™ is pleased to offer this innovative, full featured line of test equipment designed to make electrical work faster and safer.



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## Voltage Testers

### Selection Chart

Feature	GET-3202	GET-3100	GET-3213	GET-3206	GCV-3206	GVT-392	GCT-3304	GAT-3400	GVD-3504	GVD-3505
<b>Voltage Range</b>										
AC Voltage	5-50V	80-250V	80-300V	120-300V	12-250V	120-480V			50-600V	12-600V
DC Voltage	5-50V	80-250V	80-300V	150-380V	12-250V	120-480V		6-12V		
<b>Functions</b>										
Polarity						X				
Continuity					X		X			
Tracing										
<b>Indication</b>										
Audible									X	X
Visual	X	X	X	X	X	X	X	X	X	X
Vibration						X				
<b>General</b>										
Lead Length	5.5"	2"	24"	30"	30"	26"	36"	36"		
Pocket Clip	X	X	X		X		X	X	X	X
Agency Approvals	(ETL)	cULus	(ETL)	(ETL)	(ETL)	(ETL)			(ETL)	(ETL)
Drop Rating	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'
Crush Rating	150 lb	150 lb	150 lb	150 lb	150 lb	150 lb	150 lb	150 lb	150 lb	150 lb
CAT Rating	I 50V	II 300V	II 300V			III 600V			III 600V	III 600V
Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year

### Low Voltage Twin Probe Circuit Tester

Tests AC/DC Voltage from 5 - 50 V AC/DC, 50-60 Hz.

- Indicator glows when voltage is present and brightens as voltage increases.
- Insulated alligator clip test leads.
- Pocket clip for added convenience.
- Dual Insulated, durable ABS housing.

#### TESTS

- ✓ Low volt outdoor lighting
- ✓ Low volt control panels
- ✓ Doorbells
- ✓ Alarm systems
- ✓ Automotive 12 V DC and 36 V DC



No batteries required

Part #	Description
GET-3202	Low Voltage Twin Probe Circuit Tester



### Twin Probe Circuit Tester

Tests AC/DC Voltage from 80-250 V AC/DC.

- Neon indicator glows when voltage is present and brightens as voltage increases.
- Insulated housing.
- Insulated test leads.
- Pocket clip for added convenience.
- 2" test lead.

#### TESTS

- ✓ DC motors
- ✓ Switches
- ✓ Outlets



No batteries required

Part #	Description
GET-3100	Twin Probe Circuit Tester



## Heavy-Duty 3-way Voltage Tester

Tests AC/DC Voltage at 120, 240 and 277 V.

- Individual indicators for each voltage range assures reliability.
- Functional, lightweight design features twin flexible leads and convenient pocket clip.
- 24" test lead.
- Dual insulated, durable ABS housing.

### TESTS

- ✓ Outlets
- ✓ Panels
- ✓ Light fixtures
- ✓ Switches
- ✓ Circuit Breakers

Part #	Description
GET-3213	Heavy-Duty 3-way Voltage Tester



## 6-Way Circuit Tester

Tests AC Voltage at 120, 240, 480 V and DC Voltage at 150, 300 and 500 V.

- 30" test lead.
- Bright neon indicators.
- Rugged twin-probe design features heavy-duty test lead insulators.

### TESTS

- ✓ Outlets
- ✓ Light Fixtures
- ✓ Switches
- ✓ Circuit Breakers
- ✓ Motors
- ✓ Appliances
- ✓ Fuses

Part #	Description
GET-3206	6-Way Circuit Tester



## Combination Screwdriver, Voltage Probe & Continuity Tester

Tests for Continuity and 12 - 250 AC/DC Voltages.

- LED indicator glows when voltage or continuity exists.
- Operates from (2) LR-44 batteries, included.
- Convenient screwdriver tip and pocket clip.

### TESTS

- ✓ Outlets
- ✓ Fuses
- ✓ Switches
- ✓ Extension cords
- ✓ Light fixtures
- ✓ Low Voltage Lighting Circuits

Part #	Description
GCV-3206	Combination Screwdriver, Voltage Probe & Continuity Tester



## Solenoid Voltage Tester

Test AC/DC Voltage from 120 - 480 V and DC Polarity.

- Dual voltage indication: solenoid vibration and neon bulb.
- Neon bulb indicates DC polarity.
- Built-in slots in probe housing hold probes for one-hand testing and storage.
- 4' reach from probe to probe with probes unlocked.
- High-impact, dual insulated, case stands up to rugged service.

### TESTS

- ✓ Outlets
- ✓ Panels
- ✓ Light fixtures
- ✓ Switches
- ✓ Circuit Breakers
- ✓ Extension Cords



Probes lock together to enable one handed testing of standard outlet

Part #	Description
GVT-392	Solenoid Voltage Tester



## Heavy-Duty Continuity Tester

Tests for continuity in non-energized circuits.

- 36" insulated test lead with alligator clip.
- Bright indicator bulb lights if continuity exists.
- Operates from (2) AAA batteries.
- Pocket clip for added convenience.

### TESTS

- ✓ Extension cords
- ✓ Fuses
- ✓ Switches
- ✓ Water heater coils
- ✓ Unenergized low voltage wiring



Part #	Description
GCT-3304	Heavy-Duty Continuity Tester



## Automotive Voltage Tester

Used to test DC Voltage in automotive applications.

- DC Voltage from 6-12 V.
- Durable ABS Housing w/pocket clip.
- 3' test lead with alligator clamp.
- Pocket clip for added convenience.

### TESTS

- ✓ Fuses in junction block
- ✓ Automotive circuits for voltage
- ✓ Back probe connectors & sockets



Part #	Description
GAT-3400	Automotive Voltage Testers



## Non-Contact Voltage Testers

### Comparison Chart

Feature	GVD-3504	GVD-3505
Detection Range	50-600 V AC	12-600 V AC
Visual	X	X
Audible	X	X
Adjustable Sensitivity		X
Pocket Clip	X	X
Agency Approvals	(ETL)	(ETL)
Warranty	1 year	1 year
Batteries (included)	1 AAA	(2) Button Cells



### Circuit Alert® Non-Contact Voltage Detector

Indicates the presence of AC Voltage from 50 - 600 V.

- Visual (flashing) and audible (beeping) indicators signal presence of voltage.
- Built-in "safe test" feature assures batteries are operating properly.
- Compact design fits in shirt pocket.
- Operates from 1-AAA battery.

#### TESTS

- ✓ Outlets
- ✓ Switches
- ✓ Circuit breaker panels
- ✓ Wiring
- ✓ Light fixtures

Part #	Description
GVD-3504	Circuit Alert™ Non-Contact Voltage Detector



Patented



### Live-Wire™

Adjustable sensitivity detects the presence of AC Voltage from 12 - 600 V without contacting wires.

- Visual (flashing) and audible (beeping) indicators signal presence of voltage.
- Adjustable sensing levels.
- Built-in "safe test" feature assures batteries are operating properly.
- Operates from 2-LR44 1.5 Volt batteries (included).

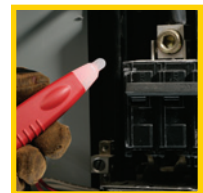
#### TESTS

- ✓ Doorbells
- ✓ Low voltage lighting
- ✓ Outlets
- ✓ Switches
- ✓ Electrical panels
- ✓ Light fixtures

Part #	Description
GVD-3505	Live-Wire™





Patented



## Receptacle Testers / Analyzers

### Comparison Chart

Tests for:	GRT-3500	GFI-3501
Open Ground	X	X
Open Neutral	X	X
Open Hot	X	X
Hot / Ground Reversed	X	X
Hot / Neutral Reversed	X	X
Correct Wiring	X	X
GFCI Test Function		X
Agency Approvals		
Warranty	1 year	1 year

### Receptacle Tester & Circuit Analyzer

Tests standard receptacles to ensure proper wiring.

- Neon indicators give positive indication of circuit status.
- Compact unit simply plugs into any standard 3-wire/grounded receptacle (110 - 125 V AC circuits).
- Tests for six circuit conditions: open ground, open neutral, open hot, hot/ground reverse, hot/neutral reverse, and correct wiring.
- Succession of yellow and red lights provides indication of circuit status or specifies wiring errors.
- Easy-to-read three views – top, side and bottom.

#### TESTS

- ✓ Standard outlets
- ✓ Extension cords



Tests standard outlets

Part #	Description
GRT-3500	Receptacle Tester & Circuit Analyzer

One Year  
 Warranty



### Ground Fault Receptacle Tester & Circuit Analyzer

Tests ground fault receptacles by overloading circuit and tripping GFCI.

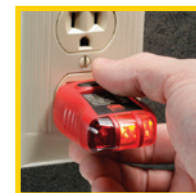
- Easy to use. Simply plug tester into any circuit protected by a ground fault receptacle (110 - 125 V AC) and press black button to overload circuit.
- Tests for seven conditions: ground fault interruption, open ground, open neutral, open hot, hot/ground reverse, hot/neutral reverse, and correct wiring.
- Succession of yellow and red lights provides indication of circuit status or specifies wiring errors.
- Tester trips GFCI between 6 - 9 mA.

#### TESTS

- ✓ Standard outlets
- ✓ GFCI outlets
- ✓ Extension cords



Tests standard outlets



Tests outlets protected by GFCIs

Part #	Description
GFI-3501	Ground Fault Receptacle Tester & Circuit Analyzer

One Year  
 Warranty



## Lan Tracker™ Multi-Purpose Wire Tracer

Traces any unshielded and unenergized wire or cable.

- Four transmitter plug types encased inside closeable hatch:
  - RJ-11
  - Alligator Clips
  - Coax
  - RJ-45
- Detects unshielded wires up to 12", when using ground clip.
- Adjustable sensitivity detects wires in close proximity.
- L.E.D. intensifies as the signal gets stronger.
- Audible feature differentiates transmitter signal from other signals.
- Requires; (2) AA batteries for transmitter (included)  
(4) 1.5 V LR-44 batteries for Receiver Wand (included)

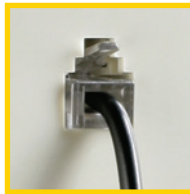
Part #	Description
GET-4220K	Lan Tracker™ Multi-Purpose Wire Tracer



Trace Coax Cable



Trace Data Cables



Trace Phone Lines



Compact Receiver



Patented

Five Year  
Warranty

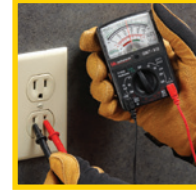
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## Analog Multimeters

Full family of analog multimeters test AC Voltage, DC Voltage, DC Current, Resistance, Continuity, and batteries.

- Manual range selection.
- Easy to read, color-coded analog displays.
- All testers include test leads and operating instructions.
- All are Agency approved and incorporate fuse overload protection circuitry.



GMT-312



GMT-318



GMT-319



Feature	GMT-312	GMT-318	GMT-319
<b>Voltage Range</b>			
AC Voltage	300V	500V	1000V
DC Voltage	300V	500V	1000V
<b>Current Range</b>			
AC Current			
DC Current	250 mA	250 mA	10 A
<b>Functions</b>			
Resistance	1 Meg	50K	10 Meg
Decibels (on AC voltage ranges)	-20 to +56dB	-20 to +56dB	-8 to +62dB
Continuity (Audible)			X
Battery Testing		X 1.5 & 9V	X 1.5 & 9V
<b>Specifications</b>			
Manual Range Selection	X	X	X
Total Functions	5	6	7
Total Ranges	12	14	19
Fuse	250 mA	250 mA	500 mA & 10A
Accuracy	±5%	±4%	±4%
<b>General</b>			
Agency Approval	ETL CE	ETL CE	ETL CE
CAT Rating	II 300V	II 500V	II 1000V
Warranty	1 year	1 year	1 year

## Digital Multimeters

Full family of digital multimeters test AC Voltage, DC Voltage, Resistance, Continuity, Temperature, Diodes, and Batteries.

- Manual and auto ranging styles.
- Easy to read digital displays.
- All testers include test leads and operating instructions.
- Conforms to UL 61010-1 standards and certified to CAN/CSA C22.2.



Circuit Breakers



Batteries



Back-Lit Display



Magnetic Attachment

GDT-311



GDT-3190



GDT-3200



Feature	GDT-311	GDT-3190	GDT-3200
<b>Voltage Range</b>			
AC Voltage	500V	500V	500V
DC Voltage	600V	600V	600V
<b>Functions</b>			
Resistance	2 meg $\Omega$	2 meg $\Omega$	20 meg $\Omega$
Diode Test			X
Continuity (Audible)			X
Temperature (Probe type)			X-40 to 1832°F
Battery Testing		X1.5 & 9V	X1.5V
<b>Specifications</b>			
Manual or Auto Ranging	Manual	Manual	Auto
Total Functions	3	4	7
Total Ranges	13	14	7
Display Count	2000	2000	2000
Low Battery Indicator	X	X	X
Auto Off		X	X
Rubber Boot		X	X
Magnet Strap			X
Backlit LCD			X
<b>General</b>			
Agency Approval	ETL CE	ETL CE	ETL CE
Drop Rating	3'	6'	6'
Crush Rating	150 lb	150 lb	150 lb
CAT Rating	III 600V	III 600V	III 600V
Warranty	1 year	1 year	1 year

## Clamp-On Multimeters

Gardner Bender™ clamp meters test AC Current, AC Voltage, DC Voltage, Resistance and Continuity.

- Manual and autoranging styles.
- Easy-to-read displays.
- All testers include test leads and operating instructions.



Current (GCM-221)



Voltage (GCM-221)



Current (GCM-500)



Voltage (GCM-500)



Feature	GCM-500	GCM-221
<b>Voltage Range</b>		
AC Voltage	600V	600V
DC Voltage	60V	
<b>Current Range</b>		
AC Current	600A	600A
<b>Functions</b>		
Resistance	1000 Ω	200 Ω
Continuity		X
Audible Buzzer		X
<b>Specifications</b>		
Manual or Auto Ranging	Manual	Auto
Total Functions	4	3
Total Ranges	8	3
Display Count		1000
Data Hold	X	X
Jaw Size	1 1/2"	1 1/4"
Fuse	500 mA	
Accuracy	±5%	AC V: ±1.5% AC A: ±2.0% Ω : ±1.0%
<b>General</b>		
Agency Approval	ETL	CE
Drop Rating	3'	6'
Crush Rating	150 lb	150 lb
CAT Rating		II 600V, III 300V
Warranty	1 year	1 year

## Analog Battery Tester

Tests all common batteries to determine if they are charged or need replacement.

- Tests from 1.5 V button cells to 22.5 V photo cells.
- Includes test leads for easy testing.

### TESTS

- ✓ AA, AAA, C, D, N
- ✓ 1.5 V button cells
- ✓ 1.25 V Ni-Cad rechargeable
- ✓ 3 V lithium
- ✓ 22.5 V photo & lantern cells
- ✓ 6 V lantern
- ✓ 12 V, 15 V Photo cells
- ✓ 9 Volt

Part #	Description
GBT-500A	Analog Battery Tester



**One Year  
Warranty**

## Analog Battery Tester

Tests most common household battery types to determine existing charge.

- Moveable contact arm fits multiple battery sizes.
- Simple "Low/Good" indicator.

### TESTS

- ✓ AA
- ✓ AAA
- ✓ C
- ✓ D
- ✓ 9 V
- ✓ 1.5 V button cells
- ✓ N

Part #	Description
GBT-3502	Analog Battery Tester



Movable contact arm fits multiple battery sizes

**One Year  
Warranty**

## Test Leads

Replacement leads for Gardner Bender™ meters.

- Tough ABS construction.
- Flexible cords for easy use.

Part #	Description	Models
RTL-103	Small Test Leads	GDT-11, GDT-190
RTL-107	Push-on Alligator Clips	RTL-103, RTL-108, RTL-200
RTL-108	Mid-size Test Leads	GMT-312, GMT-318
RTL-200	Large Test Leads	GDT-292A, GDT-293A, GDT-294A, GDT-295A, GCM-500, GCM-221
RTL-300*	Small Test Leads	GDT-311, GDT-3190, GDT-3200, GMT-319

\*not pictured



RTL-103



RTL-107



RTL-200



RTL-108

## Replacement Parts and Accessories

### Test Instruments

Model	FUSES					Batteries
	10A/250V	0.5A/250V	2.0A/250V	0.2A/250V	0.25A/250V	
<b>Analog Multimeters</b>						
GMT-312		X				(1) AA
GMT-318		X				(1) AA
GMT-319		X				(2) AAA
<b>Digital Multimeters</b>						
GDT-311						(1) 9 Volt
GDT-3190			X			(1) 9 Volt
GDT-3200			X			(1) 9 Volt
<b>Clamp Meters</b>						
GCM-221				X	X	(2) AAA
GCM-500	X					(1) AA
<b>Probe Testers</b>						
GAT-3400					X	
GBT-500A	X					
GBT-3502	X				X	
GCT-3304						(2) AAA
GCV-3206						(2) LR44
GET-3100						
GET-3202						
GET-3206						
GET-3213						
GET-4220K						(2) AA & (4) LR44
GVD-3504						(1) AAA
GVD-3505						(2) 1.5 V LR44
GVT-392						

## NOTES