

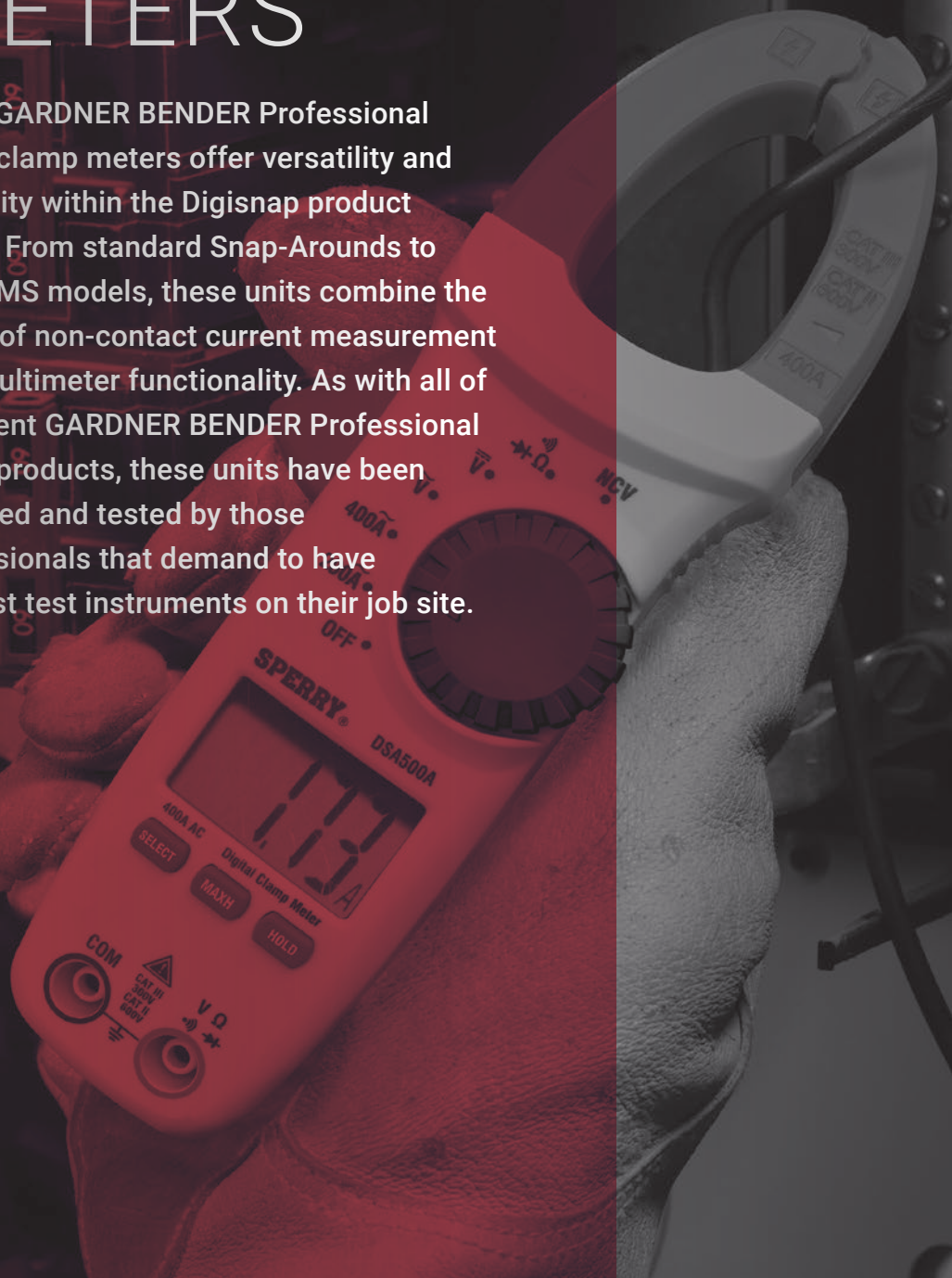
Test & Measurement Equipment

Professional Grade



CLAMP METERS

nVent GARDNER BENDER Professional Grade clamp meters offer versatility and durability within the Digisnap product family. From standard Snap-Arounds to True RMS models, these units combine the safety of non-contact current measurement with multimeter functionality. As with all of the nVent GARDNER BENDER Professional Grade products, these units have been designed and tested by those professionals that demand to have the best test instruments on their job site.



Clamp Meters

Clamp Meter Offering Quick Chart20-21
 Open Jaw Clamp Meter22
 7 Function & 10 Function Digital Snap-Around23













True RMS 12 Function Digital Clamp Meter24
 True RMS 10 Function Digital Snap-Around.....25
 True RMS 6 Function26
 Digisnap Digital Snap Around



Clamp Meters

CLAMP METER OFFERING QUICK CHART















	Model	GBP-DSA500AR	GBP-DSA540A	GBP-DSA200AOC
FUNCTIONS	AC Voltage	600 V	600 V	600 V
	DC Voltage	600 V	600 V	600 V
	Non Contact AC Voltage	✓	✓	-
	AC Current	400 A	400 A	200 A
	DC Current	-	400 A	-
	Resistance and Continuity	✓	✓	✓
	Capacitance	-	✓	✓
	True RMS	-	-	-
	Frequency	-	✓	✓
	Non-Contact Voltage Detection	✓	✓	-
	Temperature (Probe type)	-	-	-
	FEATURES	Manual or Auto Ranging	Auto	Auto
Total Functions		7	10	9
Total Ranges		17	26	27
Low Battery Indicator		✓	✓	✓
Auto Off		✓	✓	✓
Backlit LCD		-	-	✓
Data Hold		✓	✓	✓
Carrying Case		✓	✓	✓
Agency Approval				
CAT Rating		III 300 V II 600 V	III 300 V II 600 V	III 600V
Drop Rating				
Crush Rating				
Warranty				

Clamp Meters

CLAMP METER OFFERING QUICK CHART



	Model	GBP-DSA600TRMSR	GBP-DSA1020TRMS	GBP-DSA2009TRMS
FUNCTIONS	AC Voltage	600 V	600 V	1000 V
	DC Voltage	600 V	600 V	1000 V
	Non Contact AC Voltage	✓	✓	-
	AC Current	600 A	1000 A	2000 A
	DC Current	-	1000 A	2000 A
	Resistance and Continuity	✓	✓	✓
	Capacitance	✓	✓	-
	True RMS	✓	✓	✓
	Frequency	✓	✓	✓
	Non-Contact Voltage Detection	✓	✓	✓
	Temperature (Probe type)	✓	✓	-
	FEATURES	Manual or Auto Ranging	Auto	Auto
Total Functions		12	12	13
Total Ranges		28	29	25
Low Battery Indicator		✓	✓	✓
Auto Off		✓	✓	✓
Backlit LCD		✓	✓	✓
Data Hold		✓	✓	✓
Carrying Case		✓	✓	Wrist Strap
Agency Approval				
CAT Rating		III 600 V	IV 600 V	IV 600 V III 1000 V
Drop Rating				
Crush Rating				
Warranty				

Clamp Meters

GBP-DSA200AOC OPEN JAW CLAMP METER

- Auto Ranging
- Manual Range Mode
- Data Hold
- Overload protection
- Over-range indication
- Polarity indication
- Low Battery Indicator
- Auto Shut off
- Built-in Lead Storage
- Includes Carrying Case
- Operates from (2) AAA batteries, included

GBP-DSA200AOC	Range	Accuracy
AC Current	200 A	$\pm(3.0\%+3)$
AC Voltage	4 V/ 40 V/ 400 V	$\pm(0.8\%+5)$
	600 V	$\pm(1.0\%+10)$
DC Voltage	400 mV	$\pm(0.8\%+3)$
	4 V/ 40 V/ 400 V	$\pm(0.7\%+1)$
	600 V	$\pm(0.8\%+3)$
Resistance	400 Ω	$\pm(1.2\%+3)$
	4 k Ω / 40 k Ω / 400 k Ω	$\pm(1.0\%+2)$
	4 M Ω	$\pm(1.2\%+2)$
	40 M Ω	$\pm(2.0\%+3)$
Capacitance	4 nF	Not Guaranteed
	40 nF/ 400 nF/ 4 μ F/ 40 μ F	$\pm(4.0\%+10)$
	100 μ F	$\pm(8.0\%+10)$
Frequency	10 Hz/ 100 Hz/ 1 kHz/ 10 kHz/ 100 kHz	$\pm(1.5\%+1)$
	Duty Cycle	1 Hz - 99% ≤ 10 Hz not specified
Diode Test		✓
Continuity		✓



GBP-DSA200AOC



3999 count backlit screen



13mm Open jaw design for ease of measurement



SAFELY PROVIDES FAST AND CLEAR READINGS EVERY TIME

This 27 range, 9 function open jaw clamp meter has a 3999 count backlit screen and 13MM open jaw design for ease of measurement. CAT III 600V and cETLus listed with a lifetime warranty to give our users the peace of mind they deserve. Ships with carrying case, heavy duty leads and two AA batteries included in the package.



Clamp Meters

GBP-DSA500AR 7 FUNCTION & GBP-DSA540A 10 FUNCTION DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection (GBP-DSA500AR)
- Relative delta displays changes in reading (GBP-DSA540A)
- 400 Amp non-contact current reading
- Data hold capability to maintain reading on display
- Auto power off functionality to save battery life
- Compact lightweight design
- Includes convenient carrying case
- Operates from (3) AAA batteries, included

GBP-DSA500AR	Range	Accuracy
AC Current	200 A/ 400 A	± (2.0% + 5)
AC Voltage	2 V/ 20 V/ 200 V/ 600 V	± (2.0% + 5)
DC Voltage	200 mV/ 2 V/ 20 V/ 200 V/ 600 V	± (1.5% + 5)
Resistance	200 Ω/ 2 kΩ/ 20 kΩ/ 200 kΩ/ 2 MΩ/ 20 MΩ	± (2.0% + 5)
Diode Test		✓
Continuity		✓

GBP-DSA540A	Range	Accuracy
AC Current	40 A	± (3.0% + 8)
	400 A	40.0–299.9 A ± (3.5% + 6)/ 300.0–400.0 A ± (4.0% + 6)
AC Voltage	4 V/ 40 V/ 400 V/ 600 V	± (2.0% + 5)
DC Voltage	400 mV/ 4 V/ 40 V/ 400 V/ 600 V	± (1.5% + 5)
DC Current	40 A	± (3.0% + 8)
	400 A	40.0–299.9 A ± (3.5% + 6)/ 300.0–400.0 A ± (4.0% + 6)
Resistance	400 Ω/ 4 kΩ/ 40 kΩ/ 400 kΩ/ 4 MΩ/ 40 MΩ	± (2.0% + 5)
Capacitance	50.00 nF	± (4.0% + 25)
	500.0 nF/ 5.000 uF/ 50.00 uF/ 100.0 uF	± (4.0% + 5)
Frequency	10 Hz~1 MHz	± (0.1% + 3)
	10 MHz	Undefined
Diode Test		✓
Continuity		✓



GBP-DSA500AR

GBP-DSA540A



DESIGNED TO BE SIMPLE TO USE WITH ADVANCED PERFORMANCE

The GBP-DSA500AR nVent GARDNER BENDER Instruments Clamp Meter is a 10 function, 26 range auto-ranging unit with non-contact voltage detection engineered to measure AC/DC Current (40-400A), AC/DC Voltage (600V), Resistance (40MΩ), Frequency, and Continuity. Advanced data management including relative measurement and data hold. Ships with carry case, heavy duty leads and three AAA batteries included in the package.



Clamp Meters

GBP-DSA600TRMSR TRUE RMS 12 FUNCTION DIGITAL CLAMP METER

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Precise True RMS circuitry
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- Max reading hold
- 600A AC non-contact current reading
- Data hold capability to maintain reading on display
- Auto power off functionality to save battery life
- Compact lightweight design
- Includes convenient carrying case
- Operates from (3) AAA batteries, included

GBP-DSA600TRMSR	Range	Accuracy
AC Current	6 A	± (3.5% + 20)
	60 A/ 600 A	± (2.5% + 8)
AC Voltage	6 V	± (1.2% + 5)
	60 V/ 600 V	± (0.8% + 5)
DC Voltage	60 mV/ 600 mV/ 6 V/ 60 V/ 600 V	± (0.5% + 5)
	600 Ω	± (0.8% + 10)
Resistance	6 kΩ/ 60 kΩ/ 600 kΩ	± (0.8% + 3)
	6 MΩ/ 60MΩ	± (1.2% + 3)
Capacitance	6 nF/ 60 nF/ 600 nF/ 6 μF/ 60 μF/ 600 μF	± (3% + 5)
Frequency	99.99 Hz/ 999.9 Hz/ 9.999 kHz/ 9999 HZ/ 99.99 kHz	± (.5% + 3)
Temperature °C	0°to 300°C	± (1.0% + 3)
	301°to 1000°C	± (1.2% + 6)
Temperature °F	32°to 600°F	± (1.2% + 6)
	601°to 1832°F	± (1.9% + 6)
InRush Current	6 A 60 A/600 A	<20 Reference Only ± (5% + 60)
Duty Cycle	0.1–99.9%	± 3% + 5
Diode Test		✓
Continuity		✓



GBP-DSA600TRMSR



DURABLE, SAFE UNIT SUITED FOR A WIDE ARRAY OF ELECTRICAL APPLICATIONS

The nVent GARDNER BENDER Instruments GBP-DSA600TRMSR 600A True RMS Clamp Meter has more features and functions without the extra cost! This clamp meter offers a large range of superior functions including inrush current, a built-in work light, frequency and advanced temperature measurement. This unit features data hold, peak hold, and relative functions to maintain the reading on the 5999 count backlit screen and auto power-off functionality to extend battery life. Ships with carry case, heavy duty leads and three AAA batteries included in the package.



Clamp Meters

GBP-DSA1020TRMS TRUE RMS 10 FUNCTION DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Precise True RMS circuitry
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- Relative delta displays changes in reading
- 1000 Amp AC/DC non-contact current reading
- Min/Max function to hold either minimum reading or maximum reading on the display
- Data hold capability to maintain reading on display
- Backlit 5999 Count LCD screen
- Bar graph
- Peak hold function to display in-rush current
- Capacitance and temperature measurement functionality
- Auto power off functionality to save battery life
- Includes convenient carrying case
- Operates from (3) AAA batteries, included



GBP-DSA1020TRMS

GBP-DSA1020TRMS	Range	Accuracy
AC Current	600 A/ 1000 A	± (2.5% + 5)
DC Current	600 A/ 1000 A	± (2.5% + 5)
AC Voltage	6 V/ 60 V/ 600 V	± (1.5% + 4)(50/60 Hz)/ ± (3.5% + 5)(40~400 Hz)
DC Voltage	600 mV/ 6 V/ 60 V/ 600 V	± (1.0% + 3)
Resistance	600 Ω/ 6 kΩ/ 60 kΩ	± (1.2% + 5)
	600 kΩ/ 6 MΩ/ 60 MΩ	± (5.0% + 8)
Capacitance	60 nF	± (3.0% + 50)
	600 nF/ 6 uF/ 60 uF/ 600 uF	± (4.0% + 20)
	6mF	± 10.0%
	60mF	Undefined
Frequency	100 Hz/ 1 kHz	± (0.5% + 5)
Temperature °C	-40° to 40°C	± (2.8% + 6)
	40° to 1000°C	± (2.5% + 4)
Temperature °F	-40° to 104°F	± (5% + 12)
	104° to 1832°F	± (4.5% + 8)
Duty Cycle	0.1%–99.9%	± (2.5% + 5)
Diode Test		✓
Continuity		✓



CONSTRUCTED WITH ALL THE ESSENTIAL FEATURES AND FUNCTIONS TO SAFELY OBTAIN ACCURATE READINGS

Engineered to exceed the expectations of the professional electrician the GBP-DSA1020TRMS is a 12 Function/ 29 range Digital Snap-Around Clamp Meter with precise True RMS circuitry and a 1000 Amp non-contact current reading. Designed with integrated non-contact voltage detection and a Min/Max data hold capable function which allows you to hold either minimum reading or maximum reading on the display. This auto ranging unit measures up to 1000A AC/DC current, 600V AC/DC voltage, 60MΩ resistance, 1kHz frequency, non-contact AC voltage detection, temperature from – 40 to 1832°F and capacitance to 60mF. Also able to test continuity, diodes, and duty cycle, this unit features a backlit LCD display ideal for low light applications and an auto power of functionality to save battery life. We consider safety first, this instrument has been designed, tested and certified to cETLus standards at CAT IV 600V and includes a limited lifetime warranty. Unit ships with test leads, temp probe, carrying case and 3 AAA batteries (required for use).



Clamp Meters

GBP-DSA2009TRMS TRUE RMS 6 FUNCTION DIGISNAP DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Precise True RMS circuitry
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- 1000 AC/DC Amp non-contact current reading
- Min/Max function to hold either minimum reading or maximum reading on the display
- Data hold capability to maintain reading on display
- Backlit 5999 Count LCD screen
- Peak Hold function to display in-rush current
- Auto power off functionality to save battery life
- Includes convenient wrist strap
- Operates from (1) 9 volt battery, included

GBP-DSA2009TRMS	Range	Accuracy
AC Current	660.0 A/ 2000 A	± (2.5% + 5)
AC Voltage	6.600 V/ 66.00 V/ 660.0 V	± (1.2% + 5)
	1000 V	± (1.5% + 5)
DC Voltage	6.600 V	± (0.8% + 3)
	66.00 V/ 660.0 V	± (0.8% + 1)
	1000 V	± (1.0% + 3)
DC Current	660.0 A/ 2000 A	± (2.5% + 5)
Resistance	660.0 Ω	± (1.2% + 2)
	6.600 kΩ/ 66.00 kΩ/ 660.0 kΩ	± (1.0% + 2)
	6.600 MΩ	± (1.2% + 2)
	66.00 MΩ	± (1.5% + 2)
Frequency	66.00 Hz/ 660.0 Hz/ 6.600 kHz/ 66.00 kHz/ 660.0 kHz/ 6.600 MHz/ 20.00 MHz	± (0.1% + 3)
Diode Test		✓
Continuity		✓



DSA2009TRMS



ENGINEERED WITH SAFETY IN MIND TO LAST LONG AND ALWAYS REMAIN ACCURATE

The GBP-DSA2009TRMS features True RMS circuitry and measurement of up to 2000A AC/DC. Features low pass filtering, InRush current, oscilloscope output, and a backlit display with bar graph to meet the toughest jobs head on. CAT IV 600V rated with a lifetime warranty to ensure safety and reliability in the field. Ships with wrist strap, heavy duty leads and 9V battery included in the package.





Our powerful portfolio of retail brands:

CADDY ERICO GARDNER BENDER KING INNOVATION

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