

HIOKI

New

DIGITAL MULTIMETER DT4200 Series

DMM



Super Fast Response Rate and Safety Features
Take Professional Testing to a Higher Level



Made in Japan for rock-solid quality.



GOOD
DESIGN
AWARD
2013



Hazard 1 Prevent unavoidable debris from shorting the measurement target and causing an accident.



The DT4255's voltage input terminals incorporate a protective fuse so that contamination of the instrument's internal components with iron powder or other particulate matter will not result in an internal short-circuit. The fuse can be replaced easily on site.

Hazard 2 Continued high input may result in major accidents such as fire.



To prevent an accident, a warning function immediately notifies the operator if the DMM receives excessively high input.

*Red screen available on high-end models only.

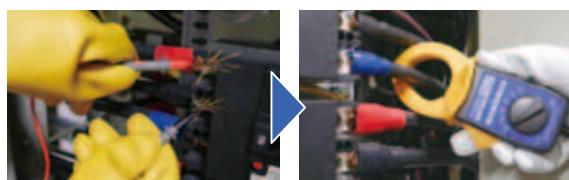
Hazard 3 Wrong insertion may lead to short-circuits.



A range: Only the A and COM terminal inlets open.
V range: Only the V and COM terminal inlets open.

The DT4281 and DT4282 use terminal shutters to keep probes from being inserted into the wrong inlets. The shutters block whichever terminal is not being used based on the selected measurement function.

Hazard 4 Mistakenly measuring voltage using the current range may lead to a short-circuit.

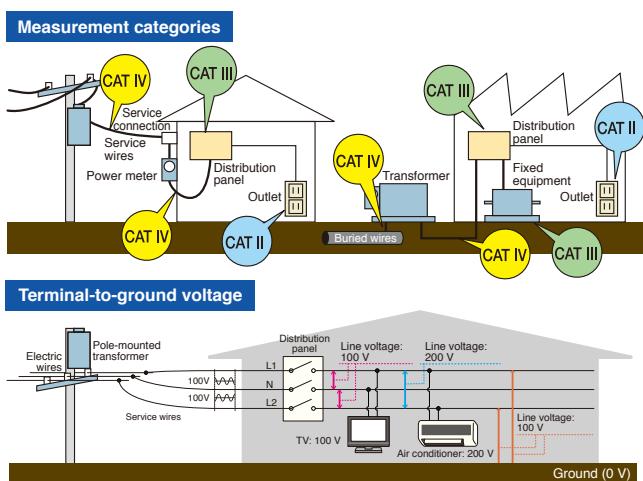


The DT4281, DT4253, DT4255, and DT4256 eliminate the root cause of such accidents by providing clamp-on sensor-based current measurement functionality instead of using conventional probes.



Safe testers that protect workers from dangerous accidents

Engineered based on extensive customer feedback, the Hioki Digital Multimeter DT4200 series delivers the design and quality needed in order to ensure safety in field measurement.



Safe measurement requires use of an instrument that suits the measurement location.

To ensure operators' ability to use measuring instruments safely, IEC 61010 classifies the locations in which instruments are used into a series of safety-based measurement categories (ranging from CAT II to CAT IV). Using an instrument that does not satisfy the required safety level can lead to an electrical accident.

CAT IV **600 V** Terminal-to-ground voltage
Measurement category suited to the location of use

High-end models	CAT III 1000 V / CAT IV 600 V
Standard models	CAT III 1000 V / CAT IV 600 V
Pocket models	CAT III 600 V / CAT IV 300 V

Designed and manufactured in Japan to ensure high quality and guaranteed with a 3-year warranty for peace of mind

All development, design, and manufacturing processes for almost all Hioki digital multimeters are carried out at our Head Office in Nagano Prefecture. Some of the industry's most advanced technological capabilities enable us to deliver products of the highest possible quality.





Field-Proven Strength and Usability

DT4200 series

Robust design capable of withstanding a drop from a height of 1 m onto concrete



To test our products' ability to withstand mechanical shock, we repeatedly drop them from a height of at least 1 m until they break. This drop-testing regime leads to more robust products by fostering a series of design improvements.

Drop tester



Fast, accurate measurement of the output voltage on the secondary side of an inverter



With low-pass filter off



With low-pass filter on

The DT series can accurately measure the voltage on the secondary side of an inverter, just like a power meter. Its low-pass filter rejects harmonic components so that the fundamental wave can be isolated and accurately measured.

Outstanding viewing angle so display is easy to read at an angle or even in a dim location



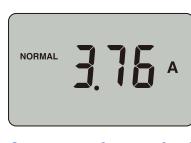
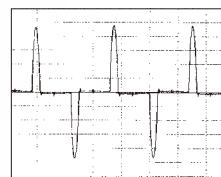
The DT4200 series features a display with a wide viewing angle and a backlight function so that it's easy to read, even when you can't view the screen from the front or when making measurements in a dim location.

Preventing instrument failure by keeping out dust



If dust gets into the instrument's enclosure, it can cause the device to fail. Since dust can get into the instrument especially easily through the gap around the rotary switch, the DT4200 series incorporates a dust-proof part known as an O-ring where the rotary switch is mounted to improve the device's dust resistance.

True RMS measurement for accurate measurement of even distorted current waveforms



Average-value method measured value



True RMS method measured value

Current waveforms are often distorted, causing the average-value and true RMS measurement methods to yield different results. To obtain accurate readings, RMS measurement is indispensable.

Rotary switch that's easy to operate even when wearing gloves



The DT4200's rotary switch is designed to be easy to turn even when wearing thick work gloves, for example while working in hazardous measurement locations or harsh conditions.

Outstanding hands-free ease of use in the field when working with numerous measurement locations



Secure the instrument on the wall so that you don't have to hold it.



The display automatically stops once the measured value stabilizes.

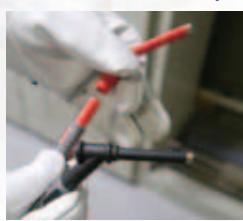


Press the MEM key to save measured values in the instrument's internal memory.

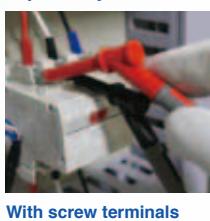
It's hard to carry out work tasks smoothly when you're juggling a measuring instrument, probes, recording paper, and other supplies. Field concerns like these are resolved by the DT4200's magnetic strap, auto-hold function, and ability to save results in its internal memory. These capabilities boost work efficiency and help reduce work times.

*The auto-hold function is available exclusively in high-end and standard models. The ability to save results in internal memory is available exclusively in high-end models.

Extensive selection of probe tips that you can choose based on the measurement location, improving ease of measurement



With screw terminals



In deep-set locations that can't be reached with other probes



For clamping around the target busbar



With the DT4200, you can choose the probe type that best suits your measurement location, making it possible to measure in areas that can't be reached with conventional probes and busbars that you wish to clamp between probes.

*Compatible probe tips vary with the DMM model. Please see page 16. The optional Connection Cable L4930 is required in order to use the probes shown at the left.



High-end models

Featuring high accuracy, extensive additional functionality, and a broad range of measurement parameters

DCV typical accuracy: $\pm 0.025\%$ rdg. ± 2 dgt.

Measurement categories: CAT III (1000 V) / CAT IV (600 V)



For electrical work in the field DT4281

Designed for maximum safety in the field when measuring current with clamp-on sensors.

DC voltage	60.000 mV to 1000.0 V
AC voltage	60.000 mV to 1000.0 V
DC + AC voltage	6.000 V to 1000.0 V
DC current	600.00 μ A to 600.00 mA
AC current	600.00 μ A to 600.00 mA
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function



For laboratory and research use DT4282

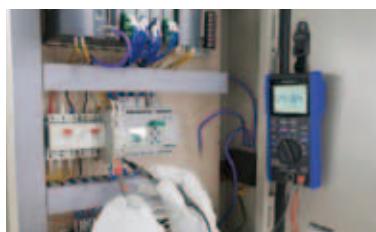
Designed for use in laboratories and R&D applications where you wish to measure a wide variety of parameters.

DC voltage	60.000 mV to 1000.0 V
AC voltage	60.000 mV to 1000.0 V
DC + AC voltage	6.000 V to 1000.0 V
DC current	600.00 μ A to 10.000 A
AC current	600.00 μ A to 10.000 A
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

- Supported measurement parameter
- Supported measurement parameter (with model-specific variations)
- Unsupported measurement parameter

*The range figures given indicate the instrument's measurement ranges (not the range of measurable values).

Applications



Magnetic strap frees both hands for work Using the magnetic strap (option)

By using the magnetic strap to secure the instrument to the wall, you can free both hands so that you can more easily record measured values, significantly boosting work efficiency.



Automatically hold display values and save results with one touch to the DMM's internal memory

The display is automatically held once the measured value stabilizes. You can save measurement results to the instrument's internal memory simply by pressing the MEM key, making it easy to read and record values during inspection work.



Manage measurement data on a computer

Using the Communication Package DT4900-01 (option)

Measurement results can be downloaded to a computer via a USB connection. Once downloaded, you can save them as a file (text format) or display them as a graph using the desired interval. Results can also be sent in real time while measurement is ongoing.

*The computer and multimeter are electrically isolated by means of optical communications so that data can be sent with peace of mind.



Measure output voltage on the secondary sides of inverters

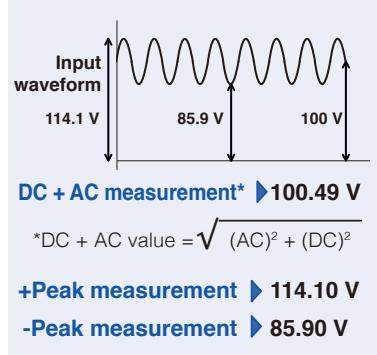
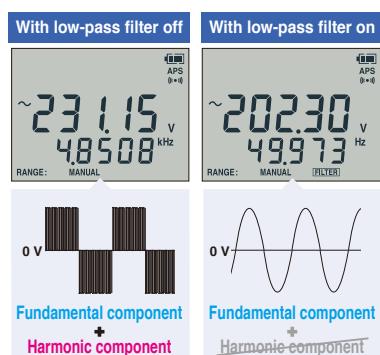
Accurately measure the fundamental wave alone by eliminating harmonic components with the DMM's low-pass filter function.



Ripple voltage confirmation of DC charging systems

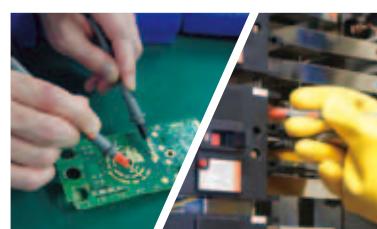
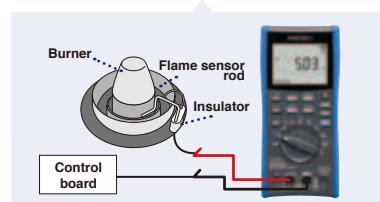
Peak value measurement / DC + AC voltage measurement

High-end models can detect ripple voltage with a superposed DC signal.



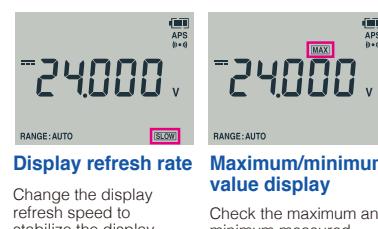
Measure very low currents used by gas-burning devices DC μ A range

High-end models provide a DC 600.00 μ A range for measuring burner flame currents.

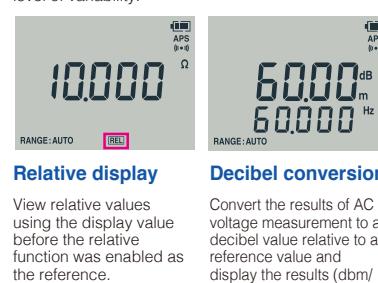


Intuitive notification of continuity check results and excessively high input with a red screen backlight and beep

High-end models notify the operator of continuity check results and excessively high input with a red screen backlight and beep, making it possible to check measurement results intuitively.



Change the display refresh speed to stabilize the display when performing measurement characterized by a high level of variability.



View relative values using the display value before the relative function was enabled as the reference.

Convert the results of AC voltage measurement to a decibel value relative to a reference value and display the results (dbm/dbv).



Featuring the world's fastest DMM engine*

The DT4200 series features a dedicated IC that Hioki developed in-house in order to deliver unprecedented measurement speed.

*According to Hioki research conducted in April 2015.

Standard models

Introducing a line of field-optimized instruments that can be chosen based on the application at hand

DCV typical accuracy: $\pm 0.3\%$ rdg. ± 3 dgt.

Measurement categories: CAT III (1000 V) / CAT IV (600 V)



For laboratory and research use

DT4252

For laboratories and R&D applications where you wish to measure a wide variety of parameters.



For instrumentation and air-conditioning work

DT4253

Measure instrumentation, air-conditioning equipment, and gas-burning devices.



Voltage measurement only model

DT4254

Measure photovoltaic modules and other high-voltage targets at up to 1700 V DC.



For electrical work in the field

DT4255

Designed for maximum safety with voltage measurement terminals that are protected by a fuse.



Multifunction model

DT4256

Delivers maximum functionality for use in a wide range of settings.

DC voltage	600.0 mV to 1000 V
AC voltage	6.000 V to 1000 V
DC + AC voltage	DT4281/4282 only
DC current	6.000 A to 10.00 A
AC current	6.000 A to 10.00 A
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

DC voltage	600.0 mV to 1000 V
AC voltage	6.000 V to 1000 V
DC + AC voltage	DT4281/4282 only
DC current	60.00 μ A to 60.00 mA
AC current	n/a
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

DC voltage	600.0 mV to 1500 V
AC voltage	6.000 V to 1000 V
DC + AC voltage	DT4281/4282 only
DC current	n/a
AC current	n/a
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

DC voltage	600.0 mV to 1000 V
AC voltage	6.000 V to 1000 V
DC + AC voltage	DT4281/4282 only
DC current	n/a
AC current	n/a
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

DC voltage	600.0 mV to 1000 V
AC voltage	6.000 V to 1000 V
DC + AC voltage	DT4281/4282 only
DC current	60.00 mA to 10.00 A
AC current	600.0 mA to 10.00 A
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

● Supported measurement parameter ● Supported measurement parameter (with model-specific variations) ● Unsupported measurement parameter

*The range figures given indicate the instrument's measurement ranges (not the range of measurable values).

Applications



Magnetic strap and auto-hold function free up hands for easier work

Using the magnetic strap (option)

By using the magnetic strap to secure the instrument to the wall and the auto-hold function to automatically stop display values, you can free your hands, making it easier to record measured values and significantly boosting work efficiency.



Automatic switching of measurement in locations where AC and DC voltages are mixed

AC/DC voltage automatic detection (DT4253/54/55/56 only)

When making measurements in locations with both AC and DC voltages, automatic switching eliminates the need to operate the rotary switch and helps prevent measurement mistakes.



Use a computer in the field to save and check measured values

With the Communication Package DT4900-01 (option)

Measured values can be displayed in real time on a computer, and displayed values can be saved to a file (text format) or graphed at a user-specified interval.

*The computer and multimeter are electrically isolated by means of optical communications so that data can be sent with peace of mind.



Measure output voltage on the secondary sides of inverters

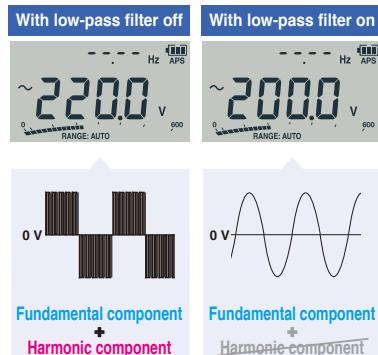
Accurately measure the fundamental wave by eliminating harmonic components with the DMM's low-pass filter function.



Test no-load voltage at megasolar installations

1700 V DC measurement (DT4254 only)

Model DT4254 can measure DC voltages up to 1700 V, enabling you to make no-load voltage inspections of megasolar installations.



Polarity detection and notification

Certain standard models can detect a load voltage in excess of -10 V and notify the operator with a red LED and beep.

*DT4254/4255/4256 only.



Percentage display for instrumentation signal measurement

4 to 20 mA percentage-equivalent display

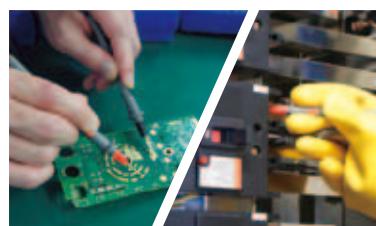
The standard models' dual display function lets you simultaneously check measured values and percentage-equivalent values at a glance.



Measure very low currents used by gas-burning devices

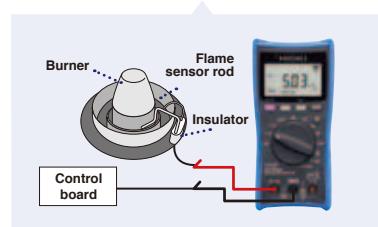
DC μ A range (DT4253 only)

Model DT4253 provides a DC 60.00 μ A range for measuring burner flame currents.



Intuitive notification of continuity check results and excessively high input with a red LED and beep

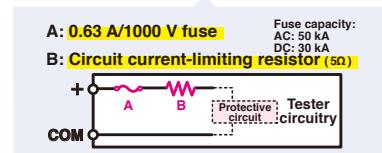
Standard models notify the operator of continuity check results and excessively high input with a red LED and beep, making it possible to check measurement results intuitively.



Thorough prevention of short-circuit accidents

Voltage measurement terminal fuse (DT4255 only)

When using the resistance measurement function, a protective circuit functions to prevent a short-circuit accident in the event of erroneous operation such as improperly supplying voltage input. Even if a short-circuit occurs inside the tester, a current-limiting resistor will limit any short-circuit current while a fast-blow fuse quickly and reliably disconnects the tester circuitry, preventing a short-circuit accident.





Featuring the world's fastest DMM engine*

The DT4200 series features a dedicated IC that Hioki developed in-house in order to deliver unprecedented measurement speed.

*According to Hioki research conducted in April 2015.



Pocket models

**Featuring a compact body for ergonomic hold
and a reliable, safe design**

DCV typical accuracy: $\pm 0.5\%$ rdg. ± 5 dgt.

Measurement categories: CAT III (600 V) / CAT IV (300 V)



For electrical work in the field DT4221

Delivering maximum field safety for workers whose principal use is voltage measurement.

DC voltage	600.0 mV to 600.0 V
AC voltage	6.000 V to 600.0 V
DC + AC voltage	DT4281/4282 only
DC current	n/a
AC current	n/a
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

For multiple applications DT4222

For laboratories and R&D applications to measure a wide variety of parameters.

DC voltage	600.0 mV to 600.0 V
AC voltage	6.000 V to 600.0 V
DC + AC voltage	DT4281/4282 only
DC current	n/a
AC current	n/a
AC clamp-on measurement	Frequency
Resistance	Continuity check
Temperature	Diode test
Capacitance	Conductance
AC/DC automatic detection	Voltage detection function

● Supported measurement parameter ● Supported measurement parameter (with model-specific variations) ● Unsupported measurement parameter

*The range figures given indicate the instrument's measurement ranges (not the range of measurable values).

Applications



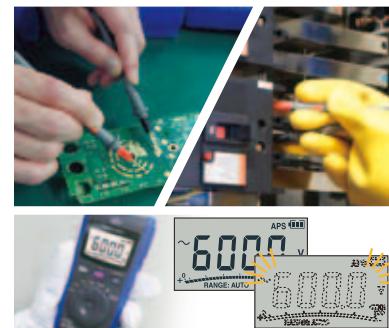
Compact and lightweight design for outstanding ease of use

The small form factor fits in your hand perfectly and is easily stowable, making it convenient to transport to and from the field and boosting work efficiency. The lightweight design also ensures that pocket models are easy to work with.



Single AAA alkaline battery

Since the pocket models only use a single AAA alkaline battery that can be easily replaced, there's no need to carry a large number of spare batteries with you.



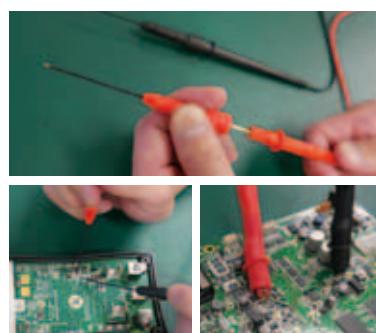
Intuitive notification of excessively high input with flashing screen

The pocket digital multimeters notify the operator of excessively high input by flashing the screen, making it possible to check measurement results intuitively.



Rear probe connections for superior screen visibility and easy storage

Since this design keeps cords from covering up the screen during measurement, you can read values at a glance. After use, probes can be stored on the rear of the instrument, facilitating a smooth start to the next measurement job.



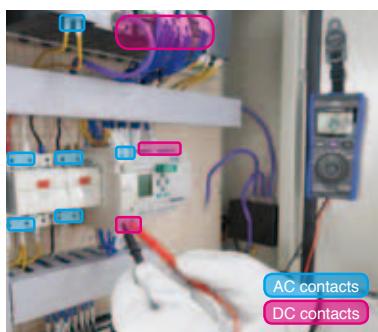
Switchable probe tips for different measurement locations

Probe tips can be switched to accommodate different measurement locations. This feature makes it easy to measure in areas that would otherwise be difficult or impossible to probe.



Safe enough for measuring voltage at distribution panels and service wires

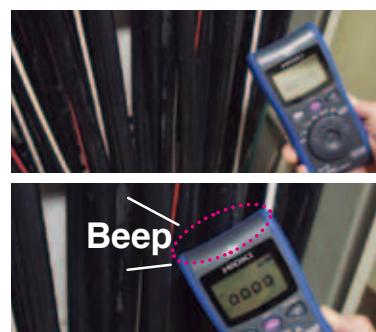
Despite a compact body, the pocket models can be used to measure voltage at distribution panels and service wires in CAT III (600 V)/CAT IV (300 V) situations.



Automatic switching of measurement in locations where AC and DC voltages are mixed

AC/DC voltage automatic detection (DT4221 only)

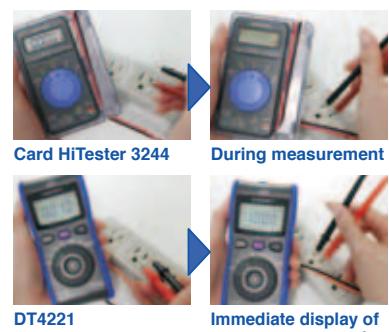
When making measurements in locations with both AC and DC voltages, automatic switching eliminates the need to operate the rotary switch and helps prevent measurement mistakes.



Detect voltage simply by holding the instrument against a wire

Voltage detection function (DT4221 only)

Easily detect voltage with the built-in sensor. Results are communicated with a beep.



Fast measurement for outstanding ease of use

Measured values are displayed quickly to facilitate quick testing. The difference is clear when you compare the measurement speed with that of the Hioki Card HiTESTER 3244-60.

DT4200 Series Basic Comparison



DT4281	DT4282	DT4252	DT4253	DT4254	DT4255	DT4256	DT4221	DT4222
Basic Characteristics								
True RMS	Yes			Yes			Yes	
DCV basic accuracy	±0.025 %rdg. ±2 dgt.		±0.3 %rdg. ±5 dgt.		±0.3 %rdg. ±3 dgt.		±0.5 %rdg. ±5 dgt.	
Measurement items (Typical ranges are indicated; may not reflect maximum or minimum measurable signal)								
DC voltage	60 mV to 1000 V		600 mV to 1000 V	600 mV to 1500 V	600 mV to 1000 V		600 mV to 600 V	
AC voltage	60 mV to 1000 V			6 V to 1000 V			6 V to 600 V	
DCV + ACV	6 V to 1000 V			n/a			n/a	
DCA current	600 µA to 600 mA	600 µA to 10 A	6 A to 10 A	60 µA to 60 mA	n/a	60 mA to 10 A	n/a	n/a
ACA current	600 µA to 600 mA	600 µA to 10 A	6 A to 10 A	n/a	600 mA to 10 A	n/a	n/a	n/a
AC clamp	10 A to 1000 A	n/a	n/a	10 A to 1000 A	n/a	10 A to 1000 A	n/a	n/a
Resistance	60 Ω to 600 MΩ		600 Ω to 60 MΩ	n/a	600 Ω to 60 MΩ	n/a	600 Ω to 60 MΩ	
Temperature	-40°C to 800°C		n/a	-40°C to 400°C		n/a	n/a	n/a
Capacitance	1 nF to 100 mF		1 µF to 10 mF	n/a	1 µF to 10 mF	n/a	n/a	1 µF to 10 mF
Frequency	99 Hz to 500 kHz			99 Hz to 99 kHz			99 Hz to 9.9 kHz	
Continuity check	Yes		Yes	n/a	Yes	n/a	Yes	
Diode check	Yes		Yes	n/a	Yes	n/a	n/a	Yes
Conductance	n/a	Yes		n/a			n/a	
Voltage detection	n/a		n/a		Yes		Yes	n/a
Additional Functions								
AUTO AC/DCV	n/a	n/a		Yes		Yes	n/a	
Peak measurement	DC/AC			n/a			n/a	
Low-pass filter	Analog filter Cut-off : 630 Hz			Digital filter Pass-band : 100Hz/500Hz			Digital filter Pass-band : 100Hz/500Hz	
Display update setting	Yes			n/a			n/a	
Hold display value	AUTO / MANUAL			AUTO / MANUAL			MANUAL	
Max/Min value display	Yes			Yes			n/a	
Relative display	Yes			Yes			Yes	
Decibel conversion	Yes			n/a			n/a	
Percentage conversion display	Yes	n/a	Yes	n/a		Yes	n/a	
DC voltage polarity check	n/a		n/a		Yes		n/a	
Data storage								
Capacity	Max 400 data			n/a			n/a	
USB communication*1	Yes			Yes			n/a	
Operating time								
Continuous operating time	Approx. 100 hours*2			Approx. 130 hours			Approx. 40 hours	
Power supply	Alkaline (LR6) battery x4 / Manganese(R6P) battery x4			Alkaline (LR03) battery x4			Alkaline (LR03) battery x1	
Display								
Back light	Yes			Yes			Yes	
Dual display	Yes			Yes			n/a	
Bar graph display	n/a			Yes			Yes	
Safety								
Safety standard categories	CATIII1000 V / CATIV600 V			CATIII1000 V / CATIV600 V			CATIII600 V / CATIV300 V	
Mis-insertion prevention shutters	Yes			n/a			n/a	

*1. Requires optional DT4900-01 Communication Package

*2. When using four AA alkaline batteries

Glossary

Auto AC/DCV : Automatically detects and measures AC and DC voltage. | **Peak measurement** : After starting PEAK value measurement, check maximum and minimum instantaneous voltage and current values. | **Low-pass filter** : Cuts high frequency content to provide stable numerical values for measurement. | **Display update setting** : Reduces the display value update rate to stabilize measurements. | **Hold display value** : Manual: press the button to freeze the display. Auto: the display freezes automatically when the measurement value is stable. | **Max/Min value display** : Pressing the MAX/MIN button displays the maximum and minimum displayed measurement values. | **Relative display** : Pressing the REL button displays subsequent measurements as values relative to that displayed when the button was pressed. | **Decibel conversion** : Displays AC voltage measurements converted to decibel values (dbm/dbv) | **Percentage conversion display** : Displays 4 to 20 mA (or 0 to 20 mA) signals converted to 0 to 100% values. For the DT4253, only 4 to 20 mA.

High-End DT4281/DT4282

(Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

DC Voltage		
Range	Accuracy	Input Impedance
60.000 mV	±0.2 %rdg. ±25 dgt.	1 GΩ or more //100 pF or less
600.00 mV	±0.025 %rdg. ±5 dgt.	11.0 MΩ± 2% //100 pF or less
6.0000 V	±0.025 %rdg. ±2 dgt.	10.3 MΩ±2% //100 pF or less
60.000 V	±0.03 %rdg. ±2 dgt.	10.2 MΩ± 2% //100 pF or less
600.00 V	±0.03 %rdg. ±2 dgt.	10.2 MΩ± 2% //100 pF or less
1000.0 V	±0.03 %rdg. ±2 dgt.	10.2 MΩ± 2% //100 pF or less

AC Voltage						
Range	Accuracy					
	20 to 45 Hz	45 to 65 Hz	65 to 1 kHz	1 k to 10 kHz	10 k to 20 kHz	20 k to 100 kHz
60.000 mV	±1.3 %rdg. ±60 dgt.	±0.4 %rdg. ±40 dgt.	±0.6 %rdg. ±40 dgt.	±0.9 %rdg. ±40 dgt.	±1.5 %rdg. ±40 dgt.	±20 %rdg. ±80 dgt.
600.00 mV	±1.3 %rdg. ±60 dgt.	±0.4 %rdg. ±40 dgt.	±0.6 %rdg. ±40 dgt.	±0.9 %rdg. ±40 dgt.	±1.5 %rdg. ±40 dgt.	±20 %rdg. ±80 dgt.
6.0000 V	±1 %rdg. ±60 dgt.	±0.2 %rdg. ±25 dgt.	±0.3 %rdg. ±25 dgt.	±0.4 %rdg. ±25 dgt.	±0.7 %rdg. ±40 dgt.	±3.5 %rdg. ±40 dgt.
60.000 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±1.5 %rdg. ±45 dgt.	±3.5 %rdg. ±125 dgt.
600.00 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	Undefined	Undefined
1000.0 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	Undefined	Undefined

DCV + ACV Measurement						
Range	Accuracy					
	20 to 45 Hz	45 to 65 Hz	65 to 1 kHz	1 k to 10 kHz	10 k to 20 kHz	20 k to 100 kHz
6.0000 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±1.5 %rdg. ±45 dgt.	±3.5 %rdg. ±125 dgt.
60.000 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±1.5 %rdg. ±45 dgt.	±3.5 %rdg. ±125 dgt.
600.00 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	Undefined	Undefined
1000.0 V	±1.2 %rdg. ±65 dgt.	±0.3 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	±0.4 %rdg. ±30 dgt.	Undefined	Undefined

Input impedance 1MΩ ± 4 %//100pF or less
Crest factor 3 or less (1.5 or less for the 1000.0V range)
Accuracy specification range 5% or more of each range
With the filter ON, accuracy is defined only for frequencies 100Hz or less. Furthermore, 2% rdg. is added

DCA Measurement				*1 : DT4282 only
Range	Accuracy / Display update : SLOW	Accuracy / Display update : NORMAL	Shunt Resistance	
600.00 μA	±0.05 %rdg. ±5 dgt.	±0.05 %rdg. ±25 dgt.	101 Ω	
6000.0 μA	±0.05 %rdg. ±5 dgt.	±0.05 %rdg. ±5 dgt.		
60.000 mA	±0.05 %rdg. ±5 dgt.	±0.05 %rdg. ±25 dgt.		
600.00 mA	±0.15 %rdg. ±5 dgt.	±0.15 %rdg. ±5 dgt.	1 Ω	
6.0000 A ⁻¹	±0.2 %rdg. ±5 dgt.	±0.2 %rdg. ±25 dgt.		
10.000 A ⁻¹	±0.2 %rdg. ±5 dgt.	±0.2 %rdg. ±5 dgt.	10m Ω	

ACA Measurement					*1 : DT4282 only
Range	Accuracy				
	20 to 45 Hz	45 to 65 Hz	65 to 1 kHz	1 k to 10 kHz	10 k to 20 kHz
600.00 μA	±1.0 %rdg. ±20 dgt.	±0.6 %rdg. ±20 dgt.	±0.6 %rdg. ±20 dgt.	±2 %rdg. ±20 dgt.	±4 %rdg. ±20 dgt.
6000.0 μA	±1.0 %rdg. ±5 dgt.	±0.6 %rdg. ±5 dgt.	±0.6 %rdg. ±5 dgt.	±2 %rdg. ±5 dgt.	±4 %rdg. ±5 dgt.
60.000 mA	±1.0 %rdg. ±20 dgt.	±0.6 %rdg. ±20 dgt.	±0.6 %rdg. ±20 dgt.	±1 %rdg. ±20 dgt.	±2 %rdg. ±20 dgt.
600.00 mA	±1.0 %rdg. ±5 dgt.	±0.6 %rdg. ±5 dgt.	±0.6 %rdg. ±5 dgt.	±1.5 %rdg. ±10 dgt.	Undefined
6.0000 A ⁻¹	Undefined	±0.8 %rdg. ±20 dgt.	±0.8 %rdg. ±20 dgt.	Undefined	Undefined
10.000 A ⁻¹	Undefined	±0.8 %rdg. ±5 dgt.	±0.8 %rdg. ±5 dgt.	Undefined	Undefined

Shunt resistance μA Range 101Ω/ mA Range 1Ω/ A Range 10mΩ
Crest factor 3 or less (Note that it applies to 1/2 of the range.)
Accuracy specification range Accuracy is not defined for measurements below 5% of range

Continuity Check			
Range	Accuracy	Measurement Current	Open-terminal Voltage
600.0 Ω	±0.5 %rdg. ±5 dgt.	640 μA±10%	DC2.5 V or less

Continuity threshold 20Ω (default)/50Ω/ 100Ω/ 500Ω

Diode Check			
Range	Accuracy	Measurement Current	Open-terminal Voltage
3.600 V	±0.1 %rdg. ±5 dgt.	1.2 mA or less	DC4.5 V or less
	0.15V/ 0.5V (default)/1V/ 1.5V/ 2V/ 2.5V/ 3V		
Forward threshold	If the reading is lower than the threshold during the forward connection, a buzzer sounds and the red backlight turns on.		

AC Clamp (AC Current)		DT4281 only
Range	Accuracy	
10.00 A	±0.6 %rdg. ±2 dgt.	±0.9 %rdg. ±2 dgt.
20.00 A	±0.6 %rdg. ±4 dgt.	±0.9 %rdg. ±4 dgt.
50.00 A	±0.6 %rdg. ±10 dgt.	±0.9 %rdg. ±10 dgt.
100.0 A	±0.6 %rdg. ±2 dgt.	±0.9 %rdg. ±2 dgt.
200.0 A	±0.6 %rdg. ±4 dgt.	±0.9 %rdg. ±4 dgt.
500.0 A	±0.6 %rdg. ±10 dgt.	±0.9 %rdg. ±10 dgt.
1000 A	±0.6 %rdg. ±2 dgt.	±0.9 %rdg. ±2 dgt.

The optional 9010-50, 9018-50, or 9132-50 CLAMP ON PROBE is used.
Accuracy does not include the error of the clamp-on probe.
Crest factor 3 or less

Resistance Measurement			
Range	Accuracy	Measurement Current	Open-terminal Voltage
60.000 Ω	±0.3 %rdg. ±20 dgt.		
600.00 Ω	±0.03 %rdg. ±10 dgt.	640 μA±10%	
6.0000 kΩ		96 μA±10%	
60.000 kΩ	±0.03 %rdg. ±2 dgt.	9.3 μA±10%	
600.00 kΩ		0.96 μA±10%	
6.0000 MΩ	±0.15 %rdg. ±4 dgt.		
60.00 MΩ	±1.5 %rdg. ±10 dgt.		
600.00 MΩ	±3.0 %rdg. ±20 dgt.		
6000.0 MΩ	±8.0 %rdg. ±20 dgt.	96 nA±10%	

Conductance (nS)			
Range	Accuracy	Measurement Current	Open-circuit Voltage
600.00 nS	±1.5 %rdg. ±10 dgt.	96 nA±10%	DC2.5 V or less

Accuracy is defined for humidity 60% RH or less. Accuracy is defined for the range 20nS or more. In the case of 300 nS or more, ±20 dgt. is added

Capacitance Measurement			
Range	Accuracy	Measurement Current	Open-circuit Voltage
1.000 nF	±1 %rdg. ±20 dgt.		
10.00 nF	±1 %rdg. ±5 dgt.	32 μA±10%	DC2.5 V or less
100.0 nF			
1.000 μF	±2 %rdg. ±5 dgt.		
10.00 μF	±2 %rdg. ±5 dgt.	680 μA±20%	DC3.1 V or less
1.000 mF			
10.00 mF	±2 %rdg. ±20 dgt.		DC2.1 V or less
100.0 mF			

Temperature			
Thermocouple Type	Range	Accuracy	
K	-40.0 to 800.0 °C (-40.0 to 1472.0°F)	±0.5 %rdg. ±3 °C (5.4°F)	
The optional K Thermocouple DT4910 is used. Accuracy does not include the error of the K thermocouple			
Frequency (For AC V, DC V, DC+AC V, AC μA, AC mA, AC A)	Accuracy		
99.999 Hz			
999.99 Hz		±0.005 %rdg. +3 dgt.	
9.9999 kHz			
99.999 kHz		±0.005 %rdg. +3 dgt.	
500.00 kHz			

Measurement range	0.5Hz or more ([---] is displayed when frequency is less than 0.5Hz)
Pulse width	1μs or more (DUTY ratio is 50%)
With the filter ON, accuracy is defined only for frequencies 100Hz or less. (For ACV, DC+ACV)	

Peak Measurement (For AC V, DC V, DC+AC V, Clamp, DC μA, DC mA, DC A, AC μA, AC mA, AC A)		
Main measurement	Signal width	Accuracy
DCV	4ms or more (single)	±2.0 %rdg. ±40 dgt.
	1ms or more (repeated)	±2.0 %rdg. ±100 dgt.
Other than DCV	1ms or more (single)	±2.0 %rdg. ±40 dgt.
	250μs or more (repeated)	±2.0 %rdg. ±100 dgt.

Decibel Conversion Measurement : Standard impedance (dBm)

4/8/16/32/50/75/93/110/125/135/150/200/250/300/500/600/800/900/1000/1200 Ω (default : 600 Ω)

General Specifications

Durability		Safety
Drop proof	YES	
Operating temperature and humidity*1	-15°C to 55°C	CATIII1000 V / CATIV600 V
Storage temperature and humidity*2	-30°C to 60°C	
Dielectric strength	AC8.54kV (Between all input terminals and case)	Between the V and COM terminals : 1000 V DC/AC
Applicable standards	Safety : EN61010, EMC: EN61326, Waterproof and dustproof: IP40	Between the mA and COM terminals : 600mA DC/600mA AC Between the A and COM terminals : 10A DC/10A AC

*1 : -15°C to 55°C (5°F to 131°F), Up to 40°C (104°F) at 80%RH or less (non-condensating), 40°C to 45°C (104°F to 113°F) at 60%RH or less (non-condensating), 45°C to 55°C (113°F to 131°F) at 50%RH or less (non-condensating)

*2 : 80%RH or less (non-condensating)

Dimensions/Mass		Accessories
93mm(W)×197mm(H)×53mm(D)(3.66" W 7.76" H 2.09" D Inch) / 650g (including batteries) (23 oz.)		TEST LEAD L9207-10 , Instruction Manual, LR6 alkaline battery×4

Standard DT4252/DT4253/DT4254/DT4255/DT4256

(Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

DC Voltage		*1 : DT4252 only *2 : DT4254 only	Continuity Check		DT4252/53/55/56 only	
Range	Accuracy	Input Impedance	Range	Accuracy	Measurement Current	Open-terminal Voltage
High precision 600mV range ¹	±0.2 %rdg. ±5 dgt.	10.2 MΩ ± 1.5 %	600.0 Ω	±0.7 %rdg. ±5 dgt.	Approx. 200 μA	DC1.8 V or less
600.0 mV	±0.5 %rdg. ±5 dgt.	11.2 MΩ ± 2.0 %	Continuity ON threshold	Approx. 25Ω or less (continuous buzzer sound, red LED lights)		
6.000 V			Continuity OFF threshold	Approx. 245Ω or more		
60.00 V			Diode Check		DT4252/53/55/56 only	
600.0 V			Range	Accuracy	Measurement Current	Open-terminal Voltage
1000 V			1.500 V	±0.5 %rdg. ±5 dgt. ¹	Approx. 0.5 mA	DC5.0 V or less
1500 V ²	±0.3 %rdg. ±3 dgt.	10.2 MΩ ± 1.5 %	Forward threshold	Buzzer sounds intermittently at 0.15V to 1.5V, the red LED flashes		

*1 : DT4255 : ±0.5 %rdg. ±8 dgt.

AC Voltage		AC Clamp (AC Current)		DT4253/55/56 only
Range	Accuracy	Input Impedance	Range	Accuracy
6.000V	40 to 500 Hz	11.2 MΩ ± 2.0%/100 pF or less	Range	40 to 1 kHz
60.00V		10.3 MΩ ± 2.0%/100 or less	10.00 A	
600.0V	±0.9 %rdg. ±3 dgt.	10.2 MΩ ± 1.5%/100 or less	20.00 A	
1000V			50.0 A	±0.9 %rdg. ±3 dgt.

The optional 9010-50, 9018-50, or 9132-50 CLAMP ON PROBE is used. Accuracy does not include the error of the clamp-on probe.

AUTO V (Identification)		Resistance Measurement		DT4252/53/55/56 only
Range	Accuracy	Input Impedance	Range	Accuracy
DC,40 to 500 Hz	500 or more to 1kHz		600.0 Ω	±0.7 %rdg. ±5 dgt.
600.0 V	±2.0 %rdg. ±3 dgt.	900 kΩ ± 20% ¹ 1800 kΩ ± 20% ²	6.000 kΩ	Approx. 200 μA

Crest factor 3 up to 4000 counts and reduces linearly to 2 at 6000 counts.

Accuracy specification range For ACV, minimum 1% of range; add ±5 dgt. when measuring at or below 5% of range

With the filter ON, the accuracy is not specified at 100Hz/500Hz or more

*1 : DT4254

DCA Measurement		Capacitance Measurement		DT4252/53/55/56 only
Range	Accuracy	Input Impedance	Range	Accuracy
• 60.00 μA	±0.8 %rdg. ±5 dgt.	1 kΩ±5 %	1.000 μF	Approx. 10 n/100 n/1 μA
• 600.0 μA	±0.8 %rdg. ±5 dgt.	1 kΩ±5 %	10.00 μF	Approx. 100 n/1 μ/10 μA
• 6.000 mA	±0.8 %rdg. ±5 dgt.	15 Ω±40 %	100.0 μF	Approx. 1 μ/10 μ/100 μA
• 60.00 mA	±0.8 %rdg. ±5 dgt. ¹	15 Ω±40 % ¹	1.000 mF	Approx. 10 μ/100 μ/200 μA
• 600.0 mA	±0.9 %rdg. ±5 dgt.	35 mΩ±30 %	10.00 mF	Approx. 100 μ/200 μA
• 6.000 A	±0.9 %rdg. ±3 dgt. ²	35 mΩ±30 %		
• 10.00 A	±0.9 %rdg. ±3 dgt. ²	35 mΩ±30 %		

*1 : DT4252 • 60.00 μA : DT4253 • 600.0 μA : DT4256

*1 : DT4256 : ±1.8 %rdg. ±15 dgt. Input Impedance : 35 mΩ±30 %

*2 : DT4252 : ±0.9 %rdg. ±5 dgt.

ACA Measurement		Temperature		DT4252/56 only
Range	Accuracy	Input Impedance	Range	Accuracy
600.0 mA ¹	±1.4 %rdg. ±5 dgt.	±1.8 %rdg. ±5 dgt.	K	-40.0 to 400.0 °C
6.000 A	±1.4 %rdg. ±3 dgt.	±1.8 %rdg. ±3 dgt.		±0.5 %rdg. ±2 °C
10.00 A	±1.4 %rdg. ±3 dgt.	±1.8 %rdg. ±3 dgt.		

Crest factor 3 up to 4000 counts and reduces linearly to 2 at 6000 counts.

Accuracy specification range Minimum 1% of range; add ±5 dgt. when measuring 300 counts or less

*1 : DT4256 only

Electric Charge		Frequency		DT4254/55/56 only
Range	Detection voltage range	Detection Target Frequency	Range	Accuracy
Hi	AC40 V to AC600 V		99.99 Hz	
Lo	AC80 V to AC600 V	50 Hz / 60 Hz	999.9 Hz	
			9.999 kHz	±0.1 %rdg. +1 dgt.
			99.99 kHz (V AC Only)	

During voltage detection, a continuous buzzer sounds and the red LED lights up.

General Specifications

Durability		Safety
Drop proof	YES	Maximum rated voltage between input terminals and ground CATIII1000 V / CATIV600 V
Operating temperature and humidity*1	-25°C to 65°C(DT4254/4255/4256) -10°C to 50°C(DT4252/4253)	Maximum rated voltage between terminals Between the V and COM terminals : DC1000 V / AC1000 V*1
Storage temperature and humidity*2	-30°C to 70°C(DT4254/4255/4256) -30°C to 60°C(DT4252/4253)	Maximum rated current between terminals Between the A and COM terminals : DC10 A / AC10 A (DT4252/DT4256) Between the μ A, mA and COM terminals : DC60 mA (DT4253 only)
Dielectric strength	AC8.54 kV (Between all input terminals and case)	
Applicable standards	Safety : EN61010, EMC: EN61326, Waterproof and dustproof: IP42	

*1 : -10°C to 50°C(14°F to 122°F), Up to 40°C(104°F) : at 80%RH or less(non-condensating), 40°C to 45°C (104°F to 113°F) : at 60%RH or less(non-condensating), 45°C to 55°C (113°F to 131°F) : at 50%RH or less (non-condensating)

*1 : Up to 40°C(104°F) : at 80%RH or less(non-condensating), 40°C to 65°C (104°F to 149°F) : reduces linearly 80%rh to 25%rh or less

*2 : 80%RH or less (non-condensating)

Dimensions/Mass

84mm(W)×174mm(H)×52mm(D)(3.31"W 6.85"H 2.05"D)

390g (including batteries and holster) (13.8 oz.)

Pocket DT4221/DT4222

(Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

DC Voltage			Diode Check				
Range	Accuracy	Input Impedance	Range	Accuracy	Measurement Current		
600.0 mV	$\pm 0.5\%$ rdg. ± 5 dgt.	$11.2\text{ M}\Omega \pm 2.0\%$	1.500 V	$\pm 0.9\%$ rdg. ± 5 dgt.	Approx.0.5 mA		
6.000 V		$10.3\text{ M}\Omega \pm 2.0\%$	DT4222 only	$\pm 0.9\%$ rdg. ± 5 dgt.	DC2.5 V or less		
60.00 V		$10.2\text{ M}\Omega \pm 1.5\%$					
AC Voltage	Accuracy						
Range	40 to 500Hz	500 or more to 1kHz					
6.000 V	$\pm 1.0\%$ rdg. ± 3 dgt.	$\pm 2.5\%$ rdg. ± 3 dgt.			Approx.200 μ A		
60.00 V		$\pm 2.0\%$ rdg. ± 3 dgt.			Approx.100 μ A		
600.0 V		$\pm 2.0\%$ rdg. ± 3 dgt.			Approx.10 μ A		
Crest factor	3 up to 4000 counts and reduces linearly to 2 at 6000 counts.						
Accuracy specification range	For ACV, minimum 1% of range; add ± 5 dgt. when measuring at or below 5% of range With the filter ON, the accuracy is not specified in 100Hz/500Hz or more						
AUTO V (Identification)			Resistance Measurement				
Range	Accuracy		Range	Accuracy	Measurement Current		
DC, 40 to 500 Hz	500 or more to 1kHz	DT4222 only	600.0 Ω	$\pm 0.9\%$ rdg. ± 5 dgt.	Open-terminal Voltage		
600.0 V	$\pm 2.0\%$ rdg. ± 3 dgt.		6.000 k Ω	$\pm 0.9\%$ rdg. ± 5 dgt.	Approx.200 μ A		
	$\pm 4.0\%$ rdg. ± 3 dgt.		60.00 k Ω	$\pm 0.9\%$ rdg. ± 5 dgt.	Approx.100 μ A		
	$\pm 9.0\%$ rdg. ± 3 dgt.		600.0 k Ω	$\pm 0.9\%$ rdg. ± 5 dgt.	Approx.10 μ A		
	$\pm 18.0\%$ rdg. ± 3 dgt.		6.000 M Ω	$\pm 1.5\%$ rdg. ± 5 dgt.	Approx.1 μ A		
Crest factor	3 up to 4000 counts and reduces linearly to 2 at 6000 counts.						
Accuracy specification range	For ACV, minimum 1% of range; add ± 5 dgt. when measuring at or below 5% of range With the filter ON, the accuracy is not specified in 100Hz/500Hz or more						
Electric Charge			Capacitance Measurement				
Detection Voltage Range		Detection Target Frequency	Range	Accuracy	Measurement Current		
AC80 V to AC600 V		50 Hz / 60 Hz	1.000 μ F	$\pm 1.9\%$ rdg. ± 5 dgt.	Open-terminal Voltage		
			10.00 μ F	$\pm 1.9\%$ rdg. ± 5 dgt.	Approx.10 n/100 n/1 μ A		
			100.0 μ F	$\pm 1.9\%$ rdg. ± 5 dgt.	Approx.100 n/10 μ A		
			1.000 mF	$\pm 5.0\%$ rdg. ± 20 dgt.	Approx.10 μ /100 μ /200 μ A		
			10.00 mF	$\pm 5.0\%$ rdg. ± 20 dgt.	Approx.100 μ /200 μ A		
Continuity Check			Frequency				
Range	Accuracy	Measurement Current	Range	Accuracy	Open-terminal Voltage		
600.0 Ω	$\pm 1.0\%$ rdg. ± 5 dgt.	Approx. 200 μ A	99.99 Hz	$\pm 0.1\%$ rdg. ± 2 dgt.	DC1.8 V or less		
Continuity ON threshold	Approx. 25 Ω or less (continuous buzzer sound)						
Continuity OFF threshold	Approx.245 Ω or more						

General Specifications

Durability		Safety
Drop proof	YES	Maximum rated voltage between input terminals and ground CAT III 600V / CAT IV 300V
Operating temperature and humidity*1	-10°C to 50°C	Maximum rated voltage between terminals Between the V and COM terminals : 600 V DC/AC
Storage temperature and humidity*2	-30°C to 60°C	
Dielectric strength	AC7.06kV (Between all input terminals and case)	
Applicable standards	Safety : EN61010, EMC: EN61326, Waterproof and dustproof: IP42	

*1 : -10°C to 50°C(14°F to 122°F), Up to 40°C(104°F) : at 80%RH or less(non-condensating), 40°C to 45°C (104°F to 113°F) : at 60%RH or less(non-condensating), 45°C to 50°C (113°F to 122°F) : at 50%RH or less (non-condensating)

*2 : 80%RH or less (non-condensating)

Dimensions/Mass

72mm(W)×149mm(H)×38mm(D) (2.83"W 5.87"H 1.50"D)

190g (including batteries and holster) (6.7 oz.)

Accessories

TEST LEAD DT4911 / Instruction Manual / LR03 Alkaline battery×1
Holster (attached to the instrument, with a test lead holder.)

L9207-10 / DT4911 Options

DT4280/DT4250 Series
(Bundled accessory)



TEST LEAD L9207-10

Cable length 90 cm (2.9527 ft)
with one each red and black caps
with cap
CAT III 1000V/CAT IV 600V
without cap
CAT II 1000V

DT4220 Series
(Bundled accessory)



TEST LEAD DT4911

Cable length 54cm (1.77 ft)
with one each red and black caps
with cap
CAT IV 300V/ CAT III 600V
without cap
CAT II 600V

L4933 and L4934 probe tips
(at right) can be used on L9207-10/DT4911 test leads.



DC70V/AC33V
CONTACT PIN SET L4933



CAT II 600V
CAT III 300V
SMALL ALLIGATOR CLIP SET L4934

L4930 Options

Compatible DMMs:
DT4250 Series / DT4280 Series



Length : 1.2m (3.937 ft)

CONNECTION CABLE L4930

Probe tips (at right) can be used on L4930 connection cables.



with one each red and black caps

CAT III 600V (with cap)

CAT II 600V (without cap)

TEST PIN SET L4938



CAT III 1000V
CAT IV 600V

ALLIGATOR CLIP SET L4935

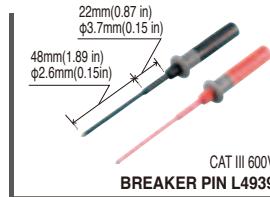


CAT III 600V
30mm (1.18 in)

BUS BAR CLIP SET L4936



Magnet
φ6mm(0.24 in)
CAT III 1000V
MAGNETIC ADAPTER SET L4937



CAT III 600V

BREAKER PIN L4939



CAT III 1000V /CAT IV 600V

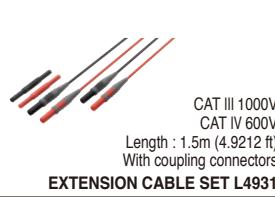
with one each red and black caps

TEST PIN SET L4932



CAT III 1000V

GRABBER CLIP 9243



CAT III 1000V
CAT IV 600V
Length : 1.5m (4.9212 ft)

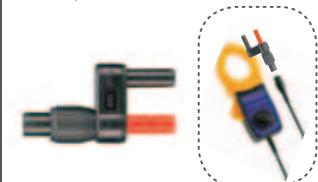
With coupling connectors

EXTENSION CABLE SET L4931

AC CLAMP ON PROBES for DT4281, DT4253, DT4255, DT4256 (Adapter 9704 required for connection)

Product appearance			
Model number	9010-50	9018-50	9132-50
Rated current	AC 10/20/50/100/200/500 A	AC 20/50/100/200/500/1000A	
Amplitude accuracy (45 to 66 Hz)	±2% rdg. ±1% f.s.	±1.5% rdg. ±0.1% f.s.	±3% rdg. ±0.2% f.s.
Frequency characteristics	40Hz to 1kHz:±6% rdg.	40Hz to 3kHz:±1% rdg.	40Hz to 1kHz:±1% rdg.
Output rate	AC 0.2 V f.s. (For each range)		
Max. circuit voltage	AC600 V (50/60Hz)		
Diameter	φ46mm (1.81 in) or less	φ55mm (2.17 in) or less, 80×20mm (3.15×0.79 in)	
Dimensions, mass	78W×188H×35D mm (3.07W × 7.40H × 1.38D in) 420g (14.8oz.), cord length 3m (9.84 ft)	100W×224H×35D mm(3.94W × 8.82 H × 1.38D in) 600g(21.1oz.), cord length 3m(9.84 ft)	

Adapter Model 9704 is required to connect AC CLAMP ON PROBES 9010-50, 9018-50 and 9132-50 to the DT4281, DT4253, DT4255, DT4256.



CONVERSION ADAPTER 9704

Other options



THERMOCOUPLES (K) DT4910

- Thermal junction form: exposed weld
- Sensor length: approx. 800 mm
- Measurement temperature range
-40 to 260°C (thermocouple)
- -15 to 55°C (connector)
- Allowable tolerance:±2.5°C



COMMUNICATION PACKAGE (USB) DT4900-01

- Communication cable
- Communication adapter
- PC software
- Instruction manual
- OS: Windows 8.1/8/7, Vista (SP1 or later)



MAGNETIC STRAP Z5004



CARRYING CASE C0200
DT4220 Series



CARRYING CASE C0202
DT4250/DT4280 Series



CARRYING CASE C0201
DT4250 Series



CARRYING CASE 3853
DT4250 Series

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