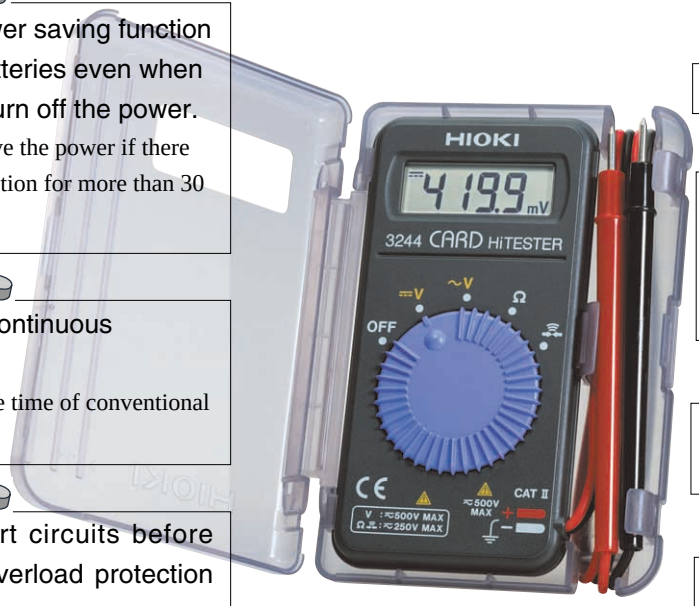
- Automatic power saving function saves your batteries even when you forget to turn off the power.
  Automatically save the power if there has been no operation for more than 30 minutes.
- 150 hours of continuous operation.
  Almost double the time of conventional systems.
- Prevents short circuits before they occur. Overload protection to 250V. (Ω and continuity functions)



Comes with the case shown in the photograph.

- 4199 count display
- The test leads fit neatly inside the case.
  Or, you can use the wrap around method shown in the photograph.
- Card size: only 9.5mm thick and 60g in weight
- Bears the CE mark

3244 Specifications

Measurement method	:	Double integration
Display	:	Max. 4199 count LCD Automatic display of minus sign (-) Overflow display "OF" and "-OF"
Range switching	:	Automatic
Sampling rate	:	2.5 times/s
Dielectric strength	:	3.7kVAC rms sin (50Hz or 60Hz for 1 minute) between the terminals and case
Max.overload voltage	:	500V AC/DC rms (sin) - ACV, DCV (for 1 minute) 250V AC/DC rms (sin) - Ω, continuity (for 1 minute)
Operating temperature	:	0˚C to 40˚C, max. 80% rh or less
Battery low indicator	:	Displays a "B" when current falls below 2.3V± 0.15V
Power supply	:	one CR2032 battery (3V DC)
Power consumption	:	Typically 4.0mW (for DC voltage)
Dimensions	:	55 W× 109 H× 9.5 Dmm · 60g
Accessories	:	Carrying case
Safety standards	:	Complies with IEC 61010-1 Pollution degree 2, overvoltage category Ⅱ 500 V
EMC	:	EN61326-1

* Contains a monitor battery. Replacement of the monitor battery is not performed free of charge.

3244 CARD HiTESTER
(All include TEST LEADS, Carrying case)

Measurement range (23˚C±5˚C, 80% rh or less, no condensation)

	Range	Measurement accuracy	Reference	
DC V	420.0mV	±2.0%rdg.±4dgt.	Input impedance min. 100MΩ	
	4.200 V	±0.7%rdg.±4dgt.	approx. 11MΩ	
	42.00 V	±1.3%rdg.±4dgt.	approx. 10MΩ	
	420.0 V	±1.3%rdg.±4dgt.	approx. 10MΩ	
	500 V	±1.3%rdg.±4dgt.	approx. 10MΩ	
AC V			Input impedance	Frequency range
	4.200 V	±2.3%rdg.±8dgt.	approx.11MΩ	50Hz to 500Hz
	42.00 V	±2.3%rdg.±8dgt.	approx.10MΩ	50Hz to 500Hz
	420.0 V	±2.3%rdg.±8dgt.	approx.10MΩ	50Hz to 500Hz
	500 V	±2.3%rdg.±8dgt.	approx.10MΩ	50Hz to 500Hz
Ω	420.0 Ω	±2.0%rdg.±4dgt.	Open-circuit voltage Max. 3.4V	
	4.200 kΩ	±2.0%rdg±4dgt.	0.7V(TYP.)	
	42.00 kΩ	±2.0%rdg.±4dgt.	0.5V(TYP.)	
	420.0 kΩ	±2.0%rdg.±4dgt.	0.5V(TYP.)	
	4.200MΩ	±5.0%rdg.±4dgt.	0.5V(TYP.)	
	42.00MΩ	±10.0%rdg.±4dgt.	0.5V(TYP.)	
Continuity	420.0 Ω	±2.0%rdg.±6dgt.	Open-circuit voltage Max. 3.4V Threshold: 50Ω ± 30Ω	

In some cases, power lines may carry voltage spikes of several times the normal supply voltage. For reasons of safety, ordinary testers should not be used to measure power lines carrying more than 250V. When measuring such power lines, always use a tester with built-in overcurrent protection to guard against short circuits, such as models 3008 and a device showing the CAT Ⅲ marking.

Note: The term "power line" refers to the entire electrical circuit providing power to factories, buildings and industrial machines. However, it does not include electrical circuits in ordinary dwellings (lines protected by fuses or circuit breakers).