



**3210 DIGITAL 3216**  
**POCKET HI TESTER DIGITAL HI TESTER**

**3218 PENCIL HI TESTER 3242**  
**3240 CARD HI TESTER DIGITAL HI TESTER**



**Auto-Ranging Pocket DMM**

- $\Omega$ /A/continuity ranges protected up to 250V AC
- Low power ohms for incircuit resistance alarm provided for continuity

**Simple to Use and Design for Safe Operation**

- Hi-current measurements up to 10A for both DC and AC
- Beeper continuity test
- Safety terminals and test leads
- LP $\Omega$  measurement

**3218 Pencil-type DMM**

- Full auto-ranging/data hold
- 200mV DC, 20M $\Omega$  ranges

**3240 Shirt-Pocket-Size Convenience**

- The thickness is only 8mm
- With handy vinyl cover

**Solar-Recharging Tester**

- Internal Ni-Cd cell recharged by solar power
- Test lead storage compartment for portability
- $\Omega$ /continuity is protected against up to 250V AC/DC

■ **SPECIFICATIONS**

Item	3210	3216	3218-3240	3242	
DC V	Range	200m/2/20/200/600V	200m/2/20/200/1000V	200m/2/20/200/500V	
	Accuracy	$\pm 0.5\%$ rdg. $\pm 4$ dgt. $\pm 1\%$ rdg. $\pm 4$ dgt. (600V)	$\pm 0.5\%$ rdg. $\pm 4$ dgt. (200mV/2V) $\pm 0.7\%$ rdg. $\pm 4$ dgt. (20/200V) $\pm 1.0\%$ rdg. $\pm 4$ dgt. (1000V)	$\pm 2.0\%$ rdg. $\pm 4$ dgt. (200mV) $\pm 0.7\%$ rdg. $\pm 4$ dgt. (2V) $\pm 1.3\%$ rdg. $\pm 4$ dgt. (20V <)	$\pm 0.9\%$ rdg. $\pm 4$ dgt. (200mV) $\pm 0.7\%$ rdg. $\pm 4$ dgt. (2V) $\pm 1.3\%$ rdg. $\pm 4$ dgt. (20V <)
	Input Resistance	1000M $\Omega$ < (200mV) 11M $\Omega$	1000M $\Omega$ < (200mV), 11M $\Omega$	100M $\Omega$ < (200mV), 12M $\Omega$ , 11M $\Omega$ (20V <)	1000M $\Omega$ < (200mV), 12M $\Omega$ , 11M $\Omega$ (20V <)
AC V	Range	2/20/200/600V	2/20/200/750V	2/20/200/500V	
	Accuracy	$\pm 1\%$ rdg. $\pm 8$ dgt.	$\pm 1.0\%$ rdg. $\pm 8$ dgt. (40 to 500Hz) $\pm 1.5\%$ rdg. $\pm 8$ dgt. (750V/40 to 500Hz)	$\pm 2.3\%$ rdg. $\pm 8$ dgt. (40 to 500Hz)	$\pm 2.3\%$ rdg. $\pm 8$ dgt. (40 to 500Hz)
	Input Impedance	11M $\Omega$ (approx.)	12M $\Omega$ (2V), 11M $\Omega$ (approx.)	12M $\Omega$ , 11M $\Omega$ (20V <)	12M $\Omega$ , 11M $\Omega$ (20V <)
DC A	Range	200mA	200mA/10A	—	
	Accuracy	$\pm 1.2\%$ rdg. $\pm 4$ dgt.	$\pm 1.5\%$ rdg. $\pm 4$ dgt.	—	
	Internal Resistance	1 $\Omega$ (approx.)	1 $\Omega$ (200mA), 15M $\Omega$ > (10A) (approx.)	—	
AC A	Range	200mA	200mA/10A	—	
	Accuracy	$\pm 1.5\%$ rdg. $\pm 8$ dgt.	$\pm 2.2\%$ rdg. $\pm 8$ dgt.	—	
$\Omega$	Range	200/2k/20k/200k/2000k/ 20M $\Omega$	200/2k/20k/200k/2000k/ 20M $\Omega$	200/2k/20k/200k/2000k/ 20M $\Omega$	
	Accuracy	$\pm 0.7\%$ rdg. $\pm 4$ dgt. $\pm 1.2\%$ rdg. $\pm 4$ dgt. (2000k $\Omega$ ) $\pm 2\%$ rdg. $\pm 4$ dgt. (20M $\Omega$ )	$\pm 0.7\%$ rdg. $\pm 4$ dgt. $\pm 1.2\%$ rdg. $\pm 4$ dgt. (2000k $\Omega$ ) $\pm 2.5\%$ rdg. $\pm 4$ dgt. (20M $\Omega$ )	$\pm 2.0\%$ rdg. $\pm 4$ dgt. $\pm 5.0\%$ rdg. $\pm 4$ dgt. (1.8M to 10M $\Omega$ ) $\pm 10\%$ rdg. $\pm 4$ dgt. (10.01M to 20.00M $\Omega$ )	$\pm 2.0\%$ rdg. $\pm 4$ dgt. $\pm 10\%$ rdg. $\pm 4$ dgt. (20M $\Omega$ )
	Open Circuit Voltage	0.45V >	0.45V >	0.45V >	0.46V >
	LP $\Omega$	○	○	○	○
Diode Check	○	○	○	○	
Continuity	(1.5k to 15k $\Omega$ ) >	(1.5k to 15k $\Omega$ ) >	(1.5k to 15k $\Omega$ ) >	(1.5k to 15k $\Omega$ ) >	
Power Supply	LR-44 or SR-44 (2) (Continuous use 80h)	SUM-3 (AA, 2) (Continuous use 400h)	LR-44 (2) (Continuous use 80h)	Two Ni-Cd cells (approx. 16h continuous use after 8h charging in bright sunlight.)	
Dimensions	150Hx60Wx14Dmm • 120g	160Hx85Wx29Dmm • 240g	3218: 37Hx16Wx19Dmm • 60g 3240: 108Hx54Wx8Dmm • 60g	120Hx65Wx18Dmm • 110g	
Accessories	9170 Test leads, 0.5A fuse (non-arcing), soft case	9170 Test leads Fuse (0.5A, non-arcing)	Case	Transparent vinyl case	
Ordering Information	—	3216 3216-01 (with case)	—	—	
Optional Accessories	9038 DC30kV High-Voltage Probe 9081 Carrying Case	9038 DC30kV High-Voltage Probe 9145 Carrying Case	—	—	

■ **COMMON SPECIFICATIONS**

Display: 1999 (3½-digit) LCD  
 Battery Low Indication: BATT mark  
 Sampling Rate: 2 times/s

Input Over Indication: MSD "1" flashes  
 Operating Temperature: 0 to 40°C, < 80% RH