

# 3256-50/-51

# DIGITAL HiTESTER

## Terminal shutter interlock mechanism



CAT II 1000 V  
CAT III 600 V



- The terminal shutter interlock mechanism exposes only the correct terminals for connection in the currently selected function.
- Wide range, maximum reading 4200 digit
- High-speed response, bar graph display
- Conforms with IEC1010
- Hold-auto function automatically displays voltage or current value and resistance value.



## Fail-safe!

Shutter mechanism prevents incorrect test lead connection



Single operation



Simple operation with rotary switch



Voltage ranges  
Only V and COM terminals open

10A range  
Only A and COM terminals open

\* The above photograph shows a special model with a transparent cover.

## Check for live lines safely and easily



In the AC V range, the 3256-50 can be used to check whether power lines are live. When the sensitivity level is set to 4 and the test head is placed near a live power line, the built-in buzzer sounds and a display indicator lights. Sensitivity threshold: 100 V AC or higher

### Model

3256-50 (Standard type)  
3256-51 (3256-50 with holster)

### OPTIONS

\*9014 HIGH-VOLTAGE PROBE  
3853 CARRYING CASE (for 3256-51)

\*Note: Non-CE mark product

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	DC Voltage ranges	AC Voltage ranges	Frequency characteristics at AC Voltage	Resistance ranges	DC Current ranges	AC Current ranges	Frequency characteristics at AC Current	Frequency ranges	Continuity
<b>3244</b>	420mV to 500V, 5 ranges Best accuracy: ±0.7% rdg. ±4 dgt.	4.2V to 450V, 4 ranges Accuracy: ±2.3% rdg. ±8 dgt. Average rectifier effective value	50 to 500 Hz	420Ω to 42 MΩ, 6 ranges Best accuracy: ±2.0% rdg. ±4 dgt.	None	None	None	None	○ 50Ω ± 30Ω
<b>3246</b>	420.0mV to 600V, 5 ranges Best accuracy: ±1.3% rdg. ±4 dgt.	4.2V to 600V, 4 ranges Accuracy: ±2.3% rdg. ±8 dgt. Average rectifier effective value	50 to 500 Hz	420.0Ω to 42.00MΩ, 6 ranges Best accuracy: ±2.0% rdg. ±4 dgt.	None	None	None	None	○ (50Ω±30Ω)
<b>3256-50</b> <b>3256-51</b> <b>(3257)</b>	420.0mV to 1000V, 5 ranges Best accuracy: ±0.5% rdg. ±2 dgt.	420.0mV to 1000V, 5 ranges Best accuracy: ±1.2% rdg. ±3 dgt. Average rectifier effective value	50 to 500 Hz	420.0Ω to 42.00 MΩ, 6 ranges Best accuracy: ±0.7% rdg. ±2 dgt.	42.00μA to 10.00 A, 5 ranges Best accuracy: ±2.5% rdg. ±5 dgt. Average rectifier effective value	50 to 500Hz	0.50Hz to 500.0kHz, 5 ranges input level: 800mV to 1000V rms Accuracy: ±0.02% rdg. ±1 dgt.	○ 50Ω ± 30Ω or less	
<b>3801</b> True RMS	40 mV to 1000 V, 6 ranges Best accuracy: ±0.06% rdg. ±3 dgt.	40 mV to 750 V, 6 ranges Best accuracy: ±0.7% rdg. ±5 dgt. Effective value rectifier	3801(-01): 45 to 20 kHz 3802: 45 to 1kHz	3801(-01): 400 to 40M, 40 nS, 7 ranges 3802: 400 to 40M, 6 ranges Best accuracy: ±0.2% rdg. ±3 dgt.	400μA to 10 A, 6 ranges Best accuracy: ±1.0% rdg. ±5 dgt. Effective value rectifier	3801(-01): 45 to 2kHz 3802: 45 to 1kHz	10Hz to 200kHz / 10mV to 1000V rms 1Hz to 10MHz / 100mV to 500V rms [3801(-01) only] Best accuracy: ±0.002% rdg. ±1 dgt.	○ 10Ω or less (at 400Ω range)	
<b>3803</b>	400.0mV to 1000V, 5 ranges Best accuracy: ±0.6% rdg. ±2 dgt.	400.0mV to 1000V, 5 ranges Best accuracy: ±2.0% rdg. ±2 dgt. Average rectifier effective value	40 to 500Hz	400.0Ω to 40.00MΩ, 6 ranges Best accuracy: ±0.6% rdg. ±3 dgt.	400.0μA to 10.00A, 5 ranges Best accuracy: ±2.0% rdg. ±2 dgt. Average rectifier effective value	40 to 500Hz	None	○ 34.5Ω or less (at 400Ω range)	
<b>3804</b>	999.9mV to 999.9V, 4 ranges Best accuracy: ±0.3% rdg. ±2 dgt.	999.9mV to 999.9V, 4 ranges Best accuracy: ±1.2% rdg. ±5 dgt. Average rectifier effective value	40 to 500 Hz	400.0Ω to 40.00MΩ, 6 ranges Best accuracy: ±0.6% rdg. ±3 dgt.	400.0μA to 10.00A, 6 ranges Best accuracy: ±1.2% rdg. ±5 dgt. Average rectifier effective value	50 to 2 kHz	None	○ 10Ω or less (at 400Ω range)	
<b>3805</b> True RMS	999.9mV to 999.9V, 4 ranges Best accuracy: ±0.1% rdg. ±2 dgt.	999.9mV to 999.9V, 4 ranges Best accuracy: ±1.1% rdg. ±5dgt. Effective value rectifier	40 to 2 kHz	400.0Ω to 40.00MΩ, 6 ranges Best accuracy: ±0.5% rdg. ±3 dgt.	400.0μA to 10.00A, 6 ranges Best accuracy: ±1.0% rdg. ±5 dgt. Effective value rectifier	50 to 2kHz	1Hz to 50kHz / 0.7V to 300V rms Best accuracy: ±0.05% rdg. ±4 dgt.	○ 10Ω or less (at 400Ω range)	
<b>3255-50</b>	4.2 V to 1000 V, 5 ranges, Best accuracy: ±0.5% rdg. ±4 dgt.	4.2 V to 1000 V, 5 ranges, Best accuracy: ±2.0% rdg. ±4 dgt. Average rectifier effective value	50 to 500 Hz	420 Ω to 42 MΩ, 6 ranges, Best accuracy: ±0.7% rdg. ±4 dgt.	None	None	None	○ (50Ω ±30Ω or less)	
<b>3030-10</b>	0.3V (16.7kΩ/V), 3/12/30/120/300/ 600V(20kΩ/V) Accuracy: ±2.5% f.s.	12V±4% f.s. (9kΩ/V) 30/120/300/600V ±2.5% f.s. Average rectifier effective value	None	0 to 3kΩ (center scale 30Ω) R×1, R×10, R×100, R×1k ±3.0% of scale length	60μA/30m/300mA (300mV internal voltage drop) Accuracy: ±3% f.s.	None	None	None	