

FLUKE®

Calibration

5320A

Multifunction Electrical Tester Calibrator



Extended Specifications

General Specifications

Warm-Up Time	30 minutes
Specifications Confidence Level	99 %
Specifications Interval	1 year
Temperature Performance	
Operating Temperature	18 to 28 °C
Calibration Temperature (tcal)	23 °C
Temperature Coefficient	Temperature coefficient for temperature outside of Tcal ±5 °C between +5 °C to +40 °C is 0.1 x /°C
Storage Temperature	-20 to +70 °C
Relative Humidity (operating)	<70 % to 28 °C
Altitude	
Operating	3,050 m (10,000 ft.)
Storage	12,200 m (40,000 ft.)
Dimensions	450 mm X 480 mm X 170 mm (17.7 in. X 18.9 in. X 6.7 in.)
Weight	18 kg (39.7 lb)
Power Line	115/230 V ac (50/60 Hz) ±10 %, with the maximum voltage difference between Neutral and Protective Earth not exceeding 20 V.
Power Consumption	150 VA Maximum
Safety Class	Class I, Bonded Enclosure
Electrostatic Discharge	This instrument meets class I for ESD requirements per EN 61326 (Criteria A)
⚠ Fuse Protection	
AC mains input	2 A, 250 V for 230 V, Time delay (T2L250 V – 5 x 20 mm) 4 A, 250 V for 115 V, Time delay (T4L250 V – 5 x 20 mm)
RCD input	3.15 A, 250 V, Fast (F3.15L250V – 5 x 20 mm)
Meter amps (A) input	20 A, 500 V, Time delay (T20L500V – 6.3 x 32 mm)
Loop/Line impedance input	4 A, 250 V, Time delay (T4L250V – 6.3 x 32 mm)
Leakage current input	100 mA, 150V, Fast (F100mL150V – 5 x 20 mm)

Electrical Specifications

Low Resistance Source

Total Range	100 mΩ to 10 kΩ
Resolution	3½ digits (continuously variable)

Uncertainty and Maximum Ratings

Range	Resolution	Maximum AC or DC Current ^[1]	2-Wire Uncertainty ^[2] (tcal ±5 °C)	4-Wire Uncertainty (tcal ±5 °C)
100 mΩ to 4.99 Ω	0.1 mΩ	400 mA	0.3 % + 25 mΩ	0.3 % + 10 mΩ
5 to 29.9 Ω	0.01 Ω	250 mA	0.2 % + 25 mΩ	0.2 % + 10 mΩ
30 to 199.9 Ω	0.1 Ω	100 mA	0.2 % + 25 mΩ	0.2 % + 10 mΩ
200 to 499 Ω	1 Ω	45 mA	0.2 %	0.2 %
500 Ω to 1.999 kΩ	1 Ω	25 mA	0.2 %	0.2 %
2 to 4.99 kΩ	10 Ω	10 mA	0.2 %	0.2 %
5 to 10 kΩ	10 Ω	5 mA	0.2 %	0.2 %

Notes:

- [1] Test current can exceed 120 % of maximum current for up to 3 seconds. Terminals automatically disconnect if test current exceeds 120 % of specified maximum current.
- [2] Uncertainty is valid to 200 mW. For higher power rating, add 0.1 % per each 300 mW above 200 mW.

Test Current Measurement

Range	0 to 400 mA ac + dc rms
Resolution	1 mA
Uncertainty	$\left(\left(\frac{20}{\sqrt{R}} \right) + 0.1 \right) mA$ R = set resistance between 0.5 Ω to 10 kΩ.

Short Mode

Nominal resistance	<50 mΩ
Maximum current	400 mA ac + dc rms

Open Mode

Nominal resistance	30 MΩ ±20 %
Maximum input voltage allowed	50 V ac + dc rms
Test voltage reading	0 to 50 V ac + dc rms
Resolution	1 V
Uncertainty	5 % + 2 V

High Resistance Source

Range.....10 kΩ to 10 GΩ plus 100 GΩ single value selection.
Resolution.....4½ Digit (continuously variable for 10 kΩ to 10 GΩ range)

Uncertainty and Maximum Ratings

Range	Resolution	Maximum Voltage (ac + dc) Peak	Uncertainty ^[1] (tcal ±5 °C)
10.000 to 39.99 kΩ	1 Ω	55 V	0.2 %
40.00 to 99.99 kΩ	10 Ω	400 V	0.2 %
100.00 to 199.99 kΩ	10 Ω	800 V	0.2 %
200.0 to 999.9 kΩ	100 Ω	1100 V	0.2 %
1.0000 to 9.999 MΩ	100 Ω	1150 V	0.3 %
10.000 to 999.9 MΩ	1 kΩ	1575 V ^[2]	0.5 %
1.0000 to 10.000 GΩ	100 kΩ	1575 V ^[2]	1.0 %
100 GΩ	NA	1575 V ^[2]	3.0 % ^[3]

Notes:

- [1] Uncertainty is valid to 500 volts. For test voltages above 500 V, add 0.1% for each 200 V above 500 V.
 [2] Maximum test voltage with the supplied banana leads is 1000 Vrms. For higher voltages, use leads rated at 1575 V or above.
 [3] Calibration value uncertainty is specified in the table. Nominal value is ± 15 %.

Test Voltage Measurement

Range.....0 to 2000 V dc peak
Resolution.....1 V
Uncertainty.....1 % + 5 V for R above 1 MΩ
 1 % + 2 V for R below 1 MΩ
Settling Time2 seconds for input deviations of <5 %

Test Current Measurement

Range.....0 to 9.9 mA dc
Uncertainty1.5 % + 5V/R A (where R is the selected resistance value)
Settling time.....2 seconds (for voltage reading deviations < 5 %)

Short Mode

Nominal resistance<100 Ω
Maximum input current allowed50 mA ac + dc rms
Test current range.....0 to 50 mA ac + dc rms
Resolution.....0.1 mA
Uncertainty.....2 % + 0.5 mA

Resistance Multiplier Adapter (x1000 multiplier)

Resistance range350 MΩ to 10 TΩ

Uncertainty and Maximum Ratings

Range	Resolution	Maximum Voltage (ac + dc) Peak	Uncertainty (tcal ±5 °C)
350.0 MΩ to 99.99 GΩ	100 kΩ	10000 V	1.0 % + R ^[1]
100.00 GΩ to 999.9 GΩ	10 MΩ	10000 V	2.0 % + R ^[1]
1.0000 TΩ to 10.000 TΩ	100 MΩ	10000 V	3.0 % + R ^[1]

Notes:

- [1] R is the uncertainty of resistor to be multiplied by 1000.

Ground Bond Resistance Source

Resistance Mode

Range.....25 mΩ to 1.8 kΩ
Resolution.....16 discrete values
Minimum test voltage/current.....10 V / 10 mA
Test Current Measurement Range.....0 to 40 A ac + dc rms
Test Current Measurement Resolution.....1 mA to 100 mA depending on resistance output and test current

Uncertainty and Maximum Ratings

Nominal Value	Deviation from Nominal Value	Absolute Uncertainty of Characterized Value (tcal $\pm 5^{\circ}\text{C}$)	Maximum Continuous Test Current ACrms or DC ^[1]	Maximum Short-term Test Current AC rms or DC ^[2]	Test Current Uncertainty
25 m Ω	$\pm 50\%$	$\pm 5\text{ m}\Omega$	30 A	40 A	1.5 % + 0.7 A
50 m Ω	$\pm 50\%$	$\pm 5\text{ m}\Omega$	28 A	40 A	1.5 % + 0.5 A
100 m Ω	$\pm 30\%$	$\pm 5\text{ m}\Omega$	25 A	40 A	1.5 % + 0.35 A
330 m Ω	$\pm 20\%$	$\pm 7\text{ m}\Omega$	14 A	40 A	1.5 % + 0.3 A
500 m Ω	$\pm 10\%$	$\pm 8\text{ m}\Omega$	10 A	40 A	1.5 % + 0.2 A
1 Ω	$\pm 10\%$	$\pm 10\text{ m}\Omega$	8 A	40 A	1.5 % + 150 mA
1.8 Ω	$\pm 10\%$	$\pm 18\text{ m}\Omega$	6 A	30 A	1.5 % + 100 mA
5 Ω	$\pm 10\%$	$\pm 30\text{ m}\Omega$	3.2 A	21 A	1.5 % + 70 mA
10 Ω	$\pm 10\%$	$\pm 60\text{ m}\Omega$	2.0 A	15 A	1.5 % + 50 mA
18 Ω	$\pm 10\%$	$\pm 100\text{ m}\Omega$	1.5 A	10 A	1.5 % + 30 mA
50 Ω	$\pm 10\%$	$\pm 300\text{ m}\Omega$	0.8 A	5.0 A	1.5 % + 20 mA
100 Ω	$\pm 10\%$	$\pm 500\text{ m}\Omega$	0.5 A	3.0 A	1.5 % + 10 mA
180 Ω	$\pm 10\%$	$\pm 1\text{ }\Omega$	0.25 A	1.35 A	1.5 % + 5 mA
500 Ω	$\pm 10\%$	$\pm 2.5\text{ }\Omega$	0.1 A	0.6 A	1.5 % + 3 mA
1 k Ω	$\pm 10\%$	$\pm 5\text{ }\Omega$	0.05 A	0.3 A	1.5 % + 2 mA
1.8 k Ω	$\pm 10\%$	$\pm 10\text{ }\Omega$	0.025 A	0.15 A	1.5 % + 2 mA

Notes:

- [1] Test currents up to 30 % of maximum continuous test current can be applied to the Calibrator with no time limitation. Test current between 30 % and 100 % of the maximum continuous test current can be applied to the Calibrator for a limited time. Minimum period of full current load is 45 seconds. The Calibrator calculates the allowed time period and when exceeded, the output connectors are disconnected.
- [2] Maximum short term test current is defined as the rms value of halfwave or fullwave test current flowing through the UUT. Maximum time of test is 200 ms. A time interval of 200 ms represents 10 full waves of power line voltage at 50 Hz and 12 full waves at 60 Hz.

Open Mode

Nominal resistance>100 k Ω
 Maximum voltage50 V ac + dc rms
 Test voltage range.....0 to 50 V ac + dc rms
 Resolution.....1 V
 Uncertainty.....2 % + 2 V

Transfer Mode

Transfer Ground Bond Resistance Accuracy in m Ω

Transfer GBR (m Ω)	Marking on Display	UUT Test Current							
		30 A	28 A	25 A	20 A	14 A	10 A	8 A	3 A
50	0	$\pm 0.8\text{ m}\Omega$	$\pm 0.8\text{ m}\Omega$	$\pm 0.8\text{ m}\Omega$	$\pm 0.9\text{ m}\Omega$	$\pm 1.0\text{ m}\Omega$	$\pm 1.2\text{ m}\Omega$	$\pm 1.3\text{ m}\Omega$	$\pm 2.6\text{ m}\Omega$
80	R1	$\pm 0.9\text{ m}\Omega$	$\pm 1.0\text{ m}\Omega$	$\pm 1.0\text{ m}\Omega$	$\pm 1.0\text{ m}\Omega$	$\pm 1.2\text{ m}\Omega$	$\pm 1.4\text{ m}\Omega$	$\pm 1.5\text{ m}\Omega$	$\pm 2.9\text{ m}\Omega$
120	R2	-	$\pm 1.1\text{ m}\Omega$	$\pm 1.1\text{ m}\Omega$	$\pm 1.2\text{ m}\Omega$	$\pm 1.3\text{ m}\Omega$	$\pm 1.5\text{ m}\Omega$	$\pm 1.7\text{ m}\Omega$	$\pm 3.1\text{ m}\Omega$
170	R3	-	-	$\pm 1.4\text{ m}\Omega$	$\pm 1.4\text{ m}\Omega$	$\pm 1.6\text{ m}\Omega$	$\pm 1.8\text{ m}\Omega$	$\pm 2.0\text{ m}\Omega$	$\pm 3.6\text{ m}\Omega$
420	R4	-	-	-	-	$\pm 3.0\text{ m}\Omega$	$\pm 3.3\text{ m}\Omega$	$\pm 3.6\text{ m}\Omega$	$\pm 6.0\text{ m}\Omega$
550	R5	-	-	-	-	-	$\pm 4.1\text{ m}\Omega$	$\pm 4.4\text{ m}\Omega$	$\pm 7.2\text{ m}\Omega$

Maximum and Minimum Applicable Test Currents from the Ground Bond Resistance Meter

5320A Transfer GBR (m Ω)	UUT Minimum Test Current AC/DC (A)	UUT Maximum Test Current AC/DC (A)
50	3	30
80	3	30
120	3	28
170	3	25
420	3	14
550	3	10

Notes

- The minimum value of the indicated test current is 0.05 A.
- The transfer GBR indication as the main value on the display is shown when the test current is 3 A or greater.

Line/Loop Impedance Source

Range.....25 m Ω to 1.8 k Ω
 Resolution.....16 discrete values
 Minimum test voltage/current.....10 V/10 mA

Uncertainty and Maximum Ratings

Nominal Resistance Value	Deviation from Nominal Value	Absolute Uncertainty of Characterized Value (tcal $\pm 5^{\circ}\text{C}$)	Maximum Continuous Test Current AC rms or DC ^[1]	Maximum Short-term Test Current AC rms or DC ^[2]	Test Current Uncertainty
25 m Ω	$\pm 50\%$	$\pm 5\text{ m}\Omega$	30 A	40 A	1.5 % + 0.7 A
50 m Ω	$\pm 50\%$	$\pm 5\text{ m}\Omega$	28 A	40 A	1.5 % + 0.5 A
100 m Ω	$\pm 30\%$	$\pm 5\text{ m}\Omega$	25 A	40 A	1.5 % + 0.35 A
330 m Ω	$\pm 20\%$	$\pm 7\text{ m}\Omega$	14 A	40 A	1.5 % + 0.3 A
500 m Ω	$\pm 10\%$	$\pm 8\text{ m}\Omega$	10 A	40 A	1.5 % + 0.2 A
1 Ω	$\pm 10\%$	$\pm 10\text{ m}\Omega$	8 A	40 A	1.5 % + 150 mA
1.8 Ω	$\pm 10\%$	$\pm 18\text{ m}\Omega$	6 A	30 A	1.5 % + 100 mA
5 Ω	$\pm 10\%$	$\pm 30\text{ m}\Omega$	3.2 A	21 A	1.5 % + 70 mA
10 Ω	$\pm 10\%$	$\pm 60\text{ m}\Omega$	2.0 A	15 A	1.5 % + 50 mA
18 Ω	$\pm 10\%$	$\pm 100\text{ m}\Omega$	1.5 A	10 A	1.5 % + 30 mA
50 Ω	$\pm 10\%$	$\pm 300\text{ m}\Omega$	0.8 A	5.0 A	1.5 % + 20 mA
100 Ω	$\pm 10\%$	$\pm 500\text{ m}\Omega$	0.5 A	3.0 A	1.5 % + 10 mA
180 Ω	$\pm 10\%$	$\pm 1\text{ }\Omega$	0.25 A	1.35 A	1.5 % + 5 mA
500 Ω	$\pm 10\%$	$\pm 2.5\text{ }\Omega$	0.1 A	0.6 A	1.5 % + 3 mA
1 k Ω	$\pm 10\%$	$\pm 5\text{ }\Omega$	0.05 A	0.3 A	1.5 % + 2 mA
1.8 k Ω	$\pm 10\%$	$\pm 10\text{ }\Omega$	0.025 A	0.15 A	1.5 % + 2 mA

Notes:

- [1] Test currents up to 30 % of maximum continuous test current can be applied to the Calibrator with no time limitation. Test current between 30 % and 100 % of the maximum continuous test current can be applied to the Calibrator for a limited time. Minimum period of full current load is 45 seconds. The Calibrator calculates the allowed time period and when exceeded, the output connectors are disconnected.
- [2] Maximum short term test current is defined as the rms value of halfwave or fullwave test current flowing through the UUT. Maximum time of test is 200 ms. A time interval of 200 ms represents 10 full waves of power line voltage at 50 Hz and 12 full waves at 60 Hz.

Test Current Measurement

Type of recognized test current.....Positive impulse (halfwave), negative impulse (halfwave), symmetrical (fullwave).

Range.....0 to 40 A ac + dc rms

Resolution.....1 to 100 mA depending on test current and resistance output

Prospective Fault Current

Range.....0 to 10 kA

Correction Manual Mode

Residual Impedance Range.....0 to 10 Ω

Resolution.....1 m Ω

Uncertainty.....Uncertainty in manual (MAN) mode is the uncertainty of selected resistance value. See table above. Also, the uncertainty of the manually entered correction should be taken into consideration.

Correction Scan Mode

Residual Impedance Range.....0 to 10 Ω

Resolution.....1 m Ω

Uncertainty.....(1 % + 15 m Ω) + uncertainty of selected resistance value.

Correction COMP Mode (Active Loop Compensation) (5320A/VLC only)

Residual Impedance Range.....0 to 2 Ω

Maximum Test Current.....<25/N A pk, where N equals number of UUT generated test current periods.

Uncertainty of compensation.....(1 % + 15 m Ω) + uncertainty of selected resistance value. Uncertainty is valid at the point in time when the COMP function is initiated.

Leakage Current Source

Range.....0.1 to 30 mA

Resolution:

Passive Mode10 μA setting, 1 μA measurement

Differential Mode10 μA setting, 1 μA measurement

Substitute Mode10 μA

Active Mode (5320A/VLC only)10 μA

Test Voltage:

Passive Mode60 to 250 V ac + dc rms

Differential Mode60 to 250 V ac + dc rms

Substitute Mode10 to 250 V ac + dc rms

Active Mode (5320A/VLC only)50 to 100 V ac + dc rms

Uncertainty:

Passive Mode	0.3 % + 2 μ A ac + dc rms
Differential Mode	0.3 % + 2 μ A ac + dc rms
Test uncertainty can be influenced by power line voltage instability	
Substitute Mode	0.3 % + 2 μ A ac + dc rms
Active Mode (5320A/VLC only)	0.3 % + 1 μ A ac + dc rms

RCD (Residual Current Device)

Trip Current Range:

0.5 X I and 1 X I Mode	3 to 3000 mA in 1 mA steps
1.4 X I and 2 X I Mode	3 to 1500 mA in 1 mA steps
5 X I Mode	3 to 600 mA in 1 mA steps

Trip Current Measurement Resolution	1 μ A on 30 mA range
	10 μ A on 300 mA range
	100 μ A on 3A range

Uncertainty:

0.5 X I and 1 X I Mode	1 % rms
1.4 X I and 2 X I Mode	2 % rms
5 X I Mode	5 % rms

Trip Time Range	10 to 5000 ms
------------------------------	---------------

Trip Time Uncertainty	0.02 % + 0.25 ms
------------------------------------	------------------

Series Resistance	0.025 Ω , 0.05 Ω , 0.1 Ω , 0.33 Ω , 0.5 Ω , 1 Ω , 1.8 Ω , 5 Ω , 10 Ω , 18 Ω , 50 Ω , 100 Ω , 180 Ω , 500 Ω , 1000 Ω , 1800 Ω
--------------------------------	---

Line/Touch Voltage Range	250 V
---------------------------------------	-------

Line/Touch Voltage Uncertainty	5 % + 3 V
---	-----------

AC/DC Voltage Calibrator (5320A/VLC only)

Range	3 to 600 V, ac or dc
--------------------	----------------------

Resolution	4 digits
-------------------------	----------

Internal Ranges:

AC Mode	30, 100, 300, and 600 V (Autoranging only)
DC Mode	30, 150, and 600 V (Autoranging only)

Frequency:

Range	40 to 400 Hz
Resolution	3 digits
Uncertainty	0.02 %

Settling Time	300 ms to 3 s, depending on output value
----------------------------	--

AC Voltage

Uncertainty and Maximum Burden Current

Range	Resolution	Uncertainty $\pm$ (% of Output + mV)	Maximum Burden Current
3 – 29.99 V	0.001 V	0.1 % + 9	500 mA
30 – 99.99 V	0.01 V	0.1 % + 30	300 mA
100 – 299.9 V	0.1 V	0.1 % + 90	150 mA
300 – 600 V	0.1 V	0.1 % + 180	50 mA

DC Voltage

Uncertainty and Maximum Burden Current

Range	Resolution	Uncertainty $\pm$ (% of Output + mV)	Maximum Burden Current
3 – 29.99 V	0.001 V	0.1 % + 9	2 mA
30 – 149.9 V	0.01 V	0.1 % + 45	3 mA
150 – 600 V	0.1 V	0.1 % + 180	5 mA

AC Output Signal Distortion	0.2 % $\pm$ 10 mV (harmonic distortion and non-harmonic noise from 20 Hz to 500 kHz), for output power lower than 10 VA on each range.
--	--

Sensing Ammeter Current Range	500 mA
--	--------

Resolution	1 mA
-------------------------	------

Uncertainty	$\pm$ 5 mA
--------------------------	------------

Multimeter

Voltage

Range.....	0 to 1100 V ac rms or dc
Resolution.....	4½ digits
Internal Ranges.....	10, 100, and 1100 V (Autoranging only)
Frequency Range.....	DC, 20 Hz to 2 kHz
Input Resistance	10 MΩ ±1 %
Time Constant	1.5 s
Readings/Second.....	2
Measurement Category	1000 V CAT I, 300 V CAT II

AC/DC Voltage Uncertainty

Range	Resolution	Uncertainty ±(% of Reading + mV)
10 V	0.001 V	0.15 % + 5
100 V	0.01 V	0.20 % + 50
1100 V	0.1 V	0.20 % + 550

Current

Range.....	0 to 20 A continuous, 30 A for up to 30 minutes, ac rms or dc
Resolution.....	4½ digits
Internal Ranges.....	300 mA, 3 and 30 A (Autoranging only)
Frequency Range.....	DC, 20 to 400 Hz
Time Constant	1.5 s
Readings/Second.....	2

AC/DC Current Uncertainty

Range	Resolution	Uncertainty ±(% of Reading + mV)
300 mA	0.1 mA	0.15 % + 0.15
3 A	1 mA	0.15 % + 1.5
30 A	10 mA	0.30 % + 15

Phantom Power

Range.....	0 to 33 kVA
Resolution.....	3 digits
Uncertainty.....	$\sqrt{(V_{unc})^2 + (I_{unc})^2}$ where V_{unc} is specified uncertainty of measured voltage and I_{unc} is specified uncertainty of measured current.

Hipot Leakage Current Measurement Mode

Range.....	0 to 300 mA ac rms or dc
Resolution.....	4 1/2 digits
Frequency range.....	DC, 20 Hz to 400 Hz
Time constant.....	1.5 s
Readings/second	2

Hipot Leakage Current Mode Uncertainty

Range	Resolution	Uncertainty ±(% of reading + μA)
300 uA	0.01 μA	0.3 % + 0.21
3 mA	0.1 μA	0.2 % + 1.5
30 mA	1 μA	0.2 % + 15
300 mA	10 μA	0.2 % + 150

Hipot Timer Measurement Mode

Range.....	0.1 to 999 s
Resolution.....	1 ms
Uncertainty.....	0.02 % + 2 ms (dc) 0.02 % + 20 ms (ac)

10 kV Adapter (1000:1 voltage divider)

Range.....	0 to 10 kV ac peak/dc
Resolution.....	4½ digits
Uncertainty.....	0.3 % of value + 5 V dc 0.5 % of value + 5 V ac at 50 or 60 Hz

80K-40 High Voltage Probe

Range.....	0 to 40 kV ac peak/dc
Resolution.....	4½ digits
Uncertainty.....	0.5 % of value + 10 V dc 0.5 % of value + 10 V ac at 50 or 60 Hz

5320A-LOAD Specifications

General Specifications

Power supply voltage AC adapter 100-240 V, output voltage
12 V @ 0.4 A min.

Warm-up time Not applicable

Specifications confidence level 99 %

Temperature

Operating Temperature 5 °C to 40 °C

Recommended Calibration Temperature (Tcal) . 23 °C

Storage Temperature -20 °C to +70 °C

Altitude, Maximum

Operating 3,050 m (10,000 ft)

Storage 12,200 m (40,000 ft)

Dimensions 430 mm X 462 mm X 95 mm
(16.9 in X 18.2 in X 3.7 in)

Weight (net) 3 kg (8 lb 4.5 oz)

Power Consumption 5 W maximum

Safety class I according to EN 61010-1

Electrical Specifications

Total resistance range 10 kΩ to 5 MΩ

Number of specific resistance values 8

Tolerance to Nominal Value 10 % (One year, Tcal 5 °C)

Maximum Ratings

Nominal Value	Max. Voltage	Max. Dissipation Power	Max. Time at Maximum Power
10 kΩ	1200 V	140 W	Limited to 3 minutes
35 kΩ	2000 V	110 W	Limited to 3 minutes
50 kΩ	2000 V	80 W	Limited to 3 minutes
100 kΩ	5500 V	300 W	Limited to 3 minutes
250 kΩ	5500 V	120 W	Limited to 3 minutes
500 kΩ	5500 V	60 W	No limit
1 MΩ	5500 V	30 W	No limit
5 MΩ	5500 V	5 W	No limit

Ordering information

Models	Description
5320A	Multifunction Electrical Tester Calibrator
5320A/40	Calibrator with 40 kV Probe
5320A/VLC	Calibrator with 600 V Source and Active Loop Compensator
5320A/VLC/40	5320A/VLC Calibrator with 40 kV Probe

Note: All models include the 10 kV divider/resistance multiplier adapter as standard

Accessories

5320A-LOAD	Current Calibration Load Resistors
5320/CASE	Rugged Transit Case
Y5320	Rack Mount Kit (Slides)

Fluke Calibration.

Precision, performance, confidence.™

Electrical
RF
Temperature
Pressure
Flow
Software

Fluke Calibration

PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.

PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:

In the U.S.A. (800) 443-5853 or
Fax (425) 446-5116
In Europe/M-East/Africa +31 (0) 40 2675 200 or
Fax +31 (0) 40 2675 222
In Canada (800)-36-FLUKE or
Fax (905) 890-6866
From other countries +1 (425) 446-5500 or
Fax +1 (425) 446-5116
Web access: <http://www.flukecal.com>

©2011-2013 Fluke Calibration.
Specifications subject to change without notice.
Printed in U.S.A. 3/2013 2727996J_EN