

CALIBRATION DATA SHEET

Certificate Number
329671 - 8044 - 329681

Fluke / 179

Parameters Tested/Test Specification	Nom. Applied	- Limit	+ Limit	As Found	As Left	Uncertainty
AC Volts	300mV45Hz	296.7	303.3	300.0		.15mV
	5V 500Hz	4.947	5.053	4.994		2.6mV
	5V 1kHz	4.897	5.103	4.957		2.6mV
	50V 45Hz	49.47	50.53	49.93		27mV
	50V 1kHz	48.97	51.03	50.08		44mV
	300V 45 Hz	296.7	303.3	299.8		.15V
	500V 500Hz	494.7	505.3	500.6		.28V
	500V 1kHz	489.7	510.3	500.4		.86V
	1000V 45Hz	987	1013	995		.75V
AC Volts Frequency	1V 45Hz	44.94	45.06	45.00		8.4mHz
	5V 50kHz	49.94	50.06	50.00		5.9Hz
DC Volts	5V	4.993	5.007	5.000		.70mV
	300V	299.5	300.5	300.0		60mV
	1000V	997	1003	1000		.60V
	-1000V	-1003	-997	-1000		.60V
DC Millivolts	30mV	29.8	30.2	30.0		6.9μV
	-300mV	-300.5	-299.5	-299.9		61μV
	600mV	599.3	600.7	599.8		64μV
Ohms	500 ohms	495.3	504.7	499.8		.10Ω
	19 Mohms	18.68	19.32	18.96		17kΩ
Capacitance	0.90 uF	887 nF	913 nF	901		2.5nF
Continuity	25 ohms		Beeper on	Pass		---
	250 ohms		Beeper off	Pass		---
Diode	2.0 V	1.978	2.022	2.001		.60mV
AC Milliamps	3mA 45Hz	2.92	3.08	3.02		2.2μA
	50mA 1kHz	49.22	50.78	49.98		59μA
	400mA1kHz	393.7	406.3	399.6		.57mA
AC Amps	4A 45Hz	3.937	4.063	3.995		3.7mA
	9A 1kHz	8.83	9.17	8.99		25mA
DC Milliamps	3mA	2.94	3.06	3.01		1.2μA
	50mA	49.47	50.53	49.99		8.9μA
	-400mA	-404.3	-395.7	-400.0		.15mA
DC Amps	4A	3.957	4.043	3.996		2.5mA
	-9A	-9.12	-8.88	-8.99		4.8mA
Temperature (Type K)	0 deg C	-1.0	1.0	-0.2		.15°C
	-40 deg C	-41.4	-38.6	-40.2		.15°C
	400 deg C	395.0	405.0	400.3		.21°C
DC Volts Frequency	3V 45Hz	44.94	45.06	45.00		8.4mHz
	30V 50kHz	49.94	50.06	50.00		5.9Hz