



SPECIFICATIONS

Fluke 754 Documenting Calibrator

Measurement Accuracy				
Voltage DC	100.000 mV	1 Year	2 Years	
	3.00000 V	0.02%+0.005 mV	0.03%+0.005 mV	
Voltage AC	30.0000 V	0.02%+0.00005 V	0.03%+0.00005 V	
	300.000 V	0.02%+0.0005 V	0.03%+0.0005 V	
	300.00 V	0.05%+0.05 V	0.07%+0.05 V	
	Range 40 to 500 Hz	Resolution	1 Year	2 Years
Voltage AC	3.000 V	0.001 V	0.5%+0.002 V	1.0%+0.004 V
	30.00 V	0.01 V	0.5%+0.02 V	1.0%+0.04 V
	300.0 V	0.1 V	0.5%+0.2 V	1.0%+0.2 V
Current DC	30.000 mA	1 Year	2 Years	
	110.00 mA	0.01% + 5 uA	0.015%+7 uA	
Resistance	10.000 Ω	0.01% + 20 uA	0.015%+30 uA	
	100.00 Ω	1 Year	2 Years	
	1.0000 Ω	0.05% + 50 mΩ	0.07%+70 mΩ	
	10.000 Ω	0.05% + 50 mΩ	0.07%+70 mΩ	
Frequency	1.00 to 110.00 Hz	0.05% + 500 mΩ	0.07%+0.5 Ω	
	110.1 to 1100.0 Hz	0.1% + 10 Ω	0.15%+15 Ω	
	1.101 to 11.000 kHz	Resolution	Accuracy (2 Years)	
	11.01 to 50.00 kHz	0.01 Hz	0.05 Hz	
		0.1 Hz	0.5 Hz	
	0.001 kHz	0.005 kHz		
	0.01 kHz	0.05 kHz		
Source Accuracy				
Voltage DC	100.000 mV	1 Year	2 Years	
	1.00000 V	0.01%+0.005 mV	0.015%+0.005 mV	
	15.0000 V	0.01%+0.00005 V	0.015%+0.0005 V	
Current DC	22.000 mA (Source)	0.01%+0.0005 V	0.015%+0.0005 V	
	Current Sink (Simulate)	1 Year	2 Years	
Resistance	10.000 Ω	0.01% + 0.003 mA	0.02% + 0.003 mA	
	100.00 Ω	0.02% + 0.007 mA	0.04% + 0.007 mA	
	1.0000 Ω	1 Year	2 Years	
	10.000 Ω	0.01% + 10 mΩ	0.015% + 15 mΩ	
Frequency	0.1 to 10.99 Hz	0.01% + 20 mΩ	0.015% + 30 mΩ	
	0.01 to 10.99 Hz	0.02% + 0.2 Ω	0.03% + 0.3 Ω	
	11.00 to 109.99 Hz	0.02% + 3 Ω	0.03% + 5 Ω	
	110.0 to 1099.9 Hz			
	1.100 to 21.999 kHz			
	22.000 to 50.000 kHz			
		2 Years		
		0.01 Hz		
		0.01 Hz		
		0.1 Hz		
		0.1 Hz		
		0.002 kHz		
		0.005 kHz		
General Specifications				
Operating Temperature	-10 °C to +50 °C	Storage Temperature	-20 °C to +60 °C	
Agency Approvals	CAN/CSA C22.2 No 1010.1-92, ASNI/ISA S82.01-1994, UL3111, and EN610-1:1993			
Size	136 x 245 x 63 mm (5.4" x 9.6 x 2.5)			
Weight	1.2 kg (2.7 lb.)			
Batteries	Internal Battery Pack Li-ion: 7.2V, 4400mAh			
Battery Life	>8 hours typical			
Battery Replacement	Via snap-shut door without opening calibrator; no tools required			
Side port connections	Pressure module connector, USB Connector to interface to your PC Connection for optional battery charger/eliminator			
Data Storage	1 week of calibration procedures results			
Specifications Periods	The standard specification intervals for the 750 Series are 1 and 2 years.			

