

Multimeter Section

Meas. Function	Measuring Range	Resolution at Upper Range Limit		Input impedance		Intrinsic Uncertainty at Highest Resolution under Reference Conditions		Overload Capacity ³⁾	
		30,000 ¹⁾ (60,000)	3000 ¹⁾	DC	AC	±(...% rdg. + ... d)	±(...% rdg. + ... d)	Value	Time
						DC	AC ^{4) 10)}		
V	60mV ²⁾	1 μV		> 20 MΩ	—	0.1 + 10	—	300 V DC AC TRMS sine	Cont.
	300 mV	10 μV		> 20 MΩ	9 MΩ // < 50 pF	0.08 + 10	0.5 + 30 (> 500 d)		
	3 V	100 μV		11 MΩ	9 MΩ // < 50 pF	0.05 + 10	0.2 + 30 (> 100 d)		
	30 V	1 mV		10 MΩ	9 MΩ // < 50 pF	0.05 + 10	0.2 + 30 (> 100 d)		
	300 V	10 mV		10 MΩ	9 MΩ // < 50 pF	0.05 + 10	0.2 + 30 (> 100 d)		
				Voltage drop at approx. range limit					
				DC	AC	DC	AC ^{4) 10)}		
mA	300 μA	10 nA		150 mV	150 mV	0.1 + 15	0.8 + 30 (> 100 d)	0.36 A	Cont.
	3 mA	100 nA		150 mV	150 mV	0.05 + 15	0.5 + 30 (> 100 d)		
	30 mA	1 μA		150 mV	150 mV	0.05 + 15	0.5 + 30 (> 100 d)		
	300 mA	10 μA		150 mV	150 mV	0.05 + 15	0.5 + 30 (> 100 d)		
				Open-circuit voltage	Measuring current at range limit	±(...% rdg. + ... d)			
Ω	300 Ω	10 mΩ		0.6 V	250 μA	0.1 + 5 ⁵⁾		300 V DC AC TRMS sine	5 minutes
	3 kΩ	0.1 Ω		0.6 V	150 μA	0.1 + 5 ⁵⁾			
	30 kΩ	1 Ω		0.6 V	30 μA	0.1 + 5			
	300 kΩ	10 Ω		0.6 V	3 μA	0.2 + 5			
	3 MΩ	100 Ω		0.6 V	360 nA	0.5 + 5			
	30 MΩ	1 Ω		0.6 V	100 nA	2 + 10			
Ω ⁴⁾⁾	300 Ω		0.1 Ω	3.2 V	1 mA	2 + 5			Max. 10 s
→ 	6 V	1 mV		7 V	Approx. 1 mA	0.5 + 3		300 V	Max. 10 s
				Discharge resistance	U ₀ max	±(...% rdg. + ... d)			
F	30 nF		10 pF	1 MΩ	3 V	1 + 10 ^{5) 10)}		300 V DC AC TRMS sine	5 minutes
	300 nF		100 pF	100 kΩ	3 V	1 + 6 ^{5) 10)}			
	3 μF		1 nF	12 kΩ	3 V	1 + 6 ¹⁰⁾			
	30 μF		10 nF	12 kΩ	3 V	1 + 6 ¹⁰⁾			
	300 μF		100 nF	3 kΩ	3 V	5 + 6 ¹⁰⁾			
				f _{min} ⁶⁾		±(...% rdg. + ... d)			
Hz	300 Hz	0.01 Hz		1 Hz		0.05 + 5 ^{7) 10)}		300 V	Cont.
	3 kHz	0.1 Hz						300 V	
	30 kHz	1 Hz						200 V	
	300 kHz	10 Hz		10 Hz				20 V	