






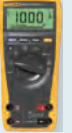




Digital multimeter solutions for every need	Amprobe		Fluke				Amprobe		Fluke	
	Field service		Averaging	Industrial	Highest accuracy		General purpose		Automotive	High-end industrial
	15XP-B 	233 	27II 	28II 	289 	287 	35XP-A 	77IV 	88V 	177 
Part No.	0727848	0745568	0745569	0745570	0726776	0726775	0726081	0712581	0726103	0712539
Basic features										
Counts		6000	6000	6000/20000	50000	50000		6000		6000
True-rms readings		ac		ac	ac+dc	ac+dc				ac
Basic dc accuracy	± (0.5% rdg + 1 dgt)	0.25	0.05	0.05	0.025 %	0.025 %	± (0.5% rdg + 1 dgt)	0.3 %	0.10 %, 0.1 mV	0.09 %
Wide bandwidth	45 Hz to 500 Hz		30 KHz	20 KHz	100 kHz	100 kHz	45 Hz to 500 Hz			
Auto/manual ranging	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•		•/•
Measurements										
AC/DC voltage	750 V ac / 1000 V dc	1000 V	1000 V	1000 V	1000 V	1000 V	750 V ac / 1000 V dc	1000 V	1000 V	1000 V
AC/DC current	2 A	10 A	10 A	10 A	10 A	10 A	2 A	10 A	10 A	10 A
Resistance	2000 MΩ	40 MΩ	50 MΩ	50 MΩ	500 MΩ	500 MΩ	40 MΩ	50 MΩ	500 MΩ	50 MΩ
Frequency		50 KHz	200 KHz	200 KHz	1 MHz	1 MHz	1 MHz	100 kHz	200 kHz	100 kHz
Capacitance		10 mF	10 mF	10 mF	100 mF	100 mF	4.000 mF	10 mF	9,999 μF	10 mF
Temperature		400 °C (752 °F)		1090 °C (1994 °F)	1350 °C (2462 °F)	1350 °C (2462 °F)	-20 to 1000 °C (-4 to 1832 °F)		-200 °C to 1090 °C (-328 °F to 1994 °F)	400 °C (752 °F)
dB					60 dB	60 dB				
Conductance			60 nS	60 nS	50 nS	50 nS			60 nS	
Duty cycle/pulse width			•/–	•/–	•/•	•/•			•/–	
Continuity/diode test	•/•	•/•	•/•	•/•	•	•	•/•	•	•	•
Motor drive measurement				•	•					
Non-contact voltage detection	70 V to 600 V AC						70 V to 600 V AC			
LoZ: low input impedance					•					
Data storage and exchange										
Min/Max recording/time stamp		•/•	•/–	•/–	•/•	•/•		•/–	•	•
Fast Min/Max			250 μs	250 μs	250 μs	250 μs			250 μs	
Display Hold/Auto (Touch) Hold	•/•	•/–	•/–	•/–	•/•	•/•	•/•	•/–	•	•/•
IP Rating			IP67	IP67						
Warranty and safety										
Warranty (years)	1	3	Lifetime	Lifetime	Lifetime	Lifetime	1	Lifetime	Lifetime	Lifetime
EN61010-1 CAT III/CAT IV	CAT II 1000 V, CAT III 600 V, CSA, CE and N10140	1000 V/ 600 V	1000 V/ 600 V	1000 V/ 600 V	1000 V/ 600 V	1000 V/ 600 V	CAT II 1000 V, CAT III 600 V, CSA, CE and N10141	1000 V/ 600 V		1000 V/ 600 V

ELECTRICAL