












Digital multimeters designed for the way you work	Fluke						
	High-end industrial	Field service		Electrical	HVAC/R	Field service	Utility
	87V	179	83V	117	116	115	113
							
Part No.	0701766	0701765	0712532	0712536	0701762	0701767	0727482
Basic features							
Counts	20000	6000	6000	6000	6000	6000	6000
True-rms readings	ac	ac		ac	ac	ac	ac
Basic dc accuracy	0.05 %	0.09 %		0.5 %	0.5 %	0.5 %	0.5 %
Wide bandwidth	20 kHz		20 kHz				
Auto/manual ranging	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Measurements							
AC/DC voltage	1000 V	1000 V	1000 V	600 V	600 V	600 V	600V
AC/DC current	10 A	10 A	10 A	10 A	200 µA	10 A	
Resistance	50 MΩ	50 MΩ	50 MΩ	40 MΩ	40 MΩ	40 MΩ	60 kΩ
Frequency	200 kHz	100 kHz	200 kHz	50 kHz	50 kHz	50 kHz	
Capacitance	10 mF	10 mF	10 mF	10 mF	10 mF	10 mF	10 mF
Temperature	1090 °C (1994 °F)	400 °C (752 °F)	1090 °C (1994 °F)		400 °C (752 °F)		
Conductance	60 nS		60 nS				
Duty cycle/pulse width	•/–		•/–				
Continuity/diode test	•	•	•	•	•	•	•
Motor drive measurement	•		•				
Non-contact voltage detection				•			
LoZ: low input impedance				•	•		•
Data storage and exchange							
Min/Max recording/time stamp	•/–	•/–	•/–	•/–	•/–	•/–	•/–
Fast Min/Max	250 µs		250 µs				
Display Hold/Auto (Touch) Hold	•/–	•/–	•/–	•/–	•/–	•/–	•/–
Misc							
Warranty (years)	Lifetime	Lifetime	Lifetime	3	3	3	3
EN61010-1 CAT III/CAT IV	1000 V/600 V	1000 V/600 V	1000 V/600 V	600 V	600 V	600 V	600 V/300 V
Kits	Fluke 87-5/E2 Kit (0712533)	7Pc 179/EDA2 Electronics DMM and Deluxe Accessory Combo Kit (0727853)		5Pc 117/322 Electricians Multimeter /Clamp Meter Combo Kit (0727822)	6Pc 116/62 HVAC Multimeter / IR Thermometer Combo Kit (0727972)		

ELECTRICAL

Test safely using electrical test tools	Fluke			
	T+Pro	T+	T5-1000	T5-600
				
Part No.	0725778	0725640	0712648	0727863
AC/DC voltage	12 V, 24 V, 48 V, 120 V, 208 V, 277 V, 480 V, 600 V		1000 V	600 V
AC current			100 A	100 A
Continuity	•	•		
Resistance	9.99 kΩ		<25 Ω	<25 Ω
DC polarity			•	•
Detachable probe	•	•	•	•
Digital display	•		•	•
Safety rating	CAT III 1000 V/CAT IV 600V	CAT III 1000 V/CAT IV 600V	CAT III 1000 V	CAT III 600 V
Misc.				
Kits	3Pc T5-H5-1AC US T5-1000 Volt Tester w/Holster/Voltalert Kit (0727948)			

For pricing and availability, contact your local Fastenal store or visit [fastenal.com](http://fastenal.com)