

Fluke 27 II/28 II Industrial Multimeters

Accuracy specifications											
DC voltage	<table border="1"> <tr> <td>Range</td> <td>0.1 mV to 1000 V</td> </tr> <tr> <td>Accuracy</td> <td>27-II: 0.1 % +1 28-II: 0.05 % +1</td> </tr> </table>	Range	0.1 mV to 1000 V	Accuracy	27-II: 0.1 % +1 28-II: 0.05 % +1						
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AC voltage	<table border="1"> <tr> <td>Range</td> <td>0.1 mV to 1000 V</td> </tr> <tr> <td>Accuracy</td> <td>27-II: 0.5 % +3 28-II: 0.7 % +4</td> </tr> </table>	Range	0.1 mV to 1000 V	Accuracy	27-II: 0.5 % +3 28-II: 0.7 % +4						
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DC current	<table border="1"> <tr> <td>Range</td> <td>0.1 μA to 10 A</td> </tr> <tr> <td>Accuracy</td> <td>27-II: 0.2 % +4 28-II: 0.2 % +4</td> </tr> </table>	Range	0.1 μ A to 10 A	Accuracy	27-II: 0.2 % +4 28-II: 0.2 % +4						
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Resistance	Range 0.1 Ω to 50 M Ω										
Display counts	<table border="1"> <tr> <td>27-II</td> <td>6000</td> </tr> <tr> <td>28-II</td> <td>6000/19,999</td> </tr> </table>	27-II	6000	28-II	6000/19,999						
27-II	6000										
28-II	6000/19,999										
Capacitance	1 nF to 9999 μ F										
Frequency	0.5 Hz to 199.99 kHz										
Temperature	<table border="1"> <tr> <td>27-II:</td> <td>N/A</td> </tr> <tr> <td>28-II:</td> <td>-200 $^{\circ}$C to +1090 $^{\circ}$C</td> </tr> </table>	27-II:	N/A	28-II:	-200 $^{\circ}$ C to +1090 $^{\circ}$ C						
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Low pass filter (Measurement on VSD's)	<table border="1"> <tr> <td>27-II:</td> <td>N/A</td> </tr> <tr> <td>28-II:</td> <td>Yes</td> </tr> </table>	27-II:	N/A	28-II:	Yes						
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Compliance	CAT IV 600 V , CAT III 1000V										
IP rating	<table border="1"> <tr> <td>27-II:</td> <td>IP 67</td> </tr> <tr> <td>28-II:</td> <td>IP 67</td> </tr> </table>	27-II:	IP 67	28-II:	IP 67						
27-II:	IP 67										
28-II:	IP 67										
Power	Three AA batteries										
Battery life	800 hours										
General specifications											
Display	Bar graph/backlight Yes/Yes										
Data storage	<table border="1"> <tr> <td>Peak transient capture</td> <td>250 μS (28 II)</td> </tr> <tr> <td>Min/Max/Avg</td> <td>Yes</td> </tr> <tr> <td>Reading hold</td> <td>Yes</td> </tr> </table>	Peak transient capture	250 μ S (28 II)	Min/Max/Avg	Yes	Reading hold	Yes				
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Other features	<table border="1"> <tr> <td>Relative readings (zero)</td> <td>Yes</td> </tr> <tr> <td>Battery type</td> <td>Three AA batteries</td> </tr> </table>	Relative readings (zero)	Yes	Battery type	Three AA batteries						
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Warranty and protection	<table border="1"> <tr> <td>Safety rating</td> <td>CAT IV 600 V/CAT III 1000 V</td> </tr> <tr> <td>External protection</td> <td>Rubber holster</td> </tr> <tr> <td>Drop test</td> <td>10 feet drop test</td> </tr> <tr> <td>Dustproof/waterproof</td> <td>Yes, IP 67 rated</td> </tr> <tr> <td>Warranty</td> <td>Limited lifetime</td> </tr> </table>	Safety rating	CAT IV 600 V/CAT III 1000 V	External protection	Rubber holster	Drop test	10 feet drop test	Dustproof/waterproof	Yes, IP 67 rated	Warranty	Limited lifetime
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	Size (HxWxL) with holster	6.35 cm x 10.0 cm x 19.81 cm (2.5 in x 3.93 in x 7.8 in)
	Weight with holster	698.5 g (1.54 lb)