



Digital Multimeters >

# Fluke 170 Series Digital Multimeters

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|                    |  |
|--------------------|--|
| <b>Voltage DC</b>  | 175 - Accuracy* $\pm (0.15\%+2)$<br>177 - Accuracy* $\pm (0.09\%+2)$<br>179 - Accuracy* $\pm (0.09\%+2)$<br>Max. Resolution 0.1 mV<br>Maximum 1000 V |
| <b>Voltage AC</b>  | Accuracy* $\pm (1.0\%+3)$<br>Max. Resolution 0.1 mV<br>Maximum 1000 V  |
| <b>Current DC</b>  | Accuracy* $\pm (1.0\%+3)$<br>Max. Resolution 0.01 mA<br>Maximum 10 A   |
| <b>Current AC</b>  | Accuracy* $\pm (1.5\%+3)$<br>Max. Resolution 0.01 mA<br>Maximum 10 A   |
| <b>Resistance</b>  | Accuracy* $\pm (0.9\%+1)$<br>Max. Resolution 0.1 $\Omega$<br>Maximum 50 M $\Omega$   |
| <b>Capacitance</b> | Accuracy* $\pm (1.2\%+2)$<br>Max. Resolution 1 nF<br>Maximum 10,000 $\mu$ F  |
| <b>Frequency</b>   | Accuracy* $\pm (0.1\%+1)$<br>Max. Resolution 0.01 Hz<br>Maximum 100 kHz  |
| <b>Temperature</b> | 179 - Accuracy* $\pm (1.0\%+10)$<br>Max. Resolution 0.1 $^{\circ}$ C<br>Range -40 $^{\circ}$ C/400 $^{\circ}$ C                                      |
| <b>Note</b>        | *Accuracies are best accuracies for each function  |

|  |   |
|--|---|
| <b>Operating temperature</b>           | -10 $^{\circ}$ C to +50 $^{\circ}$ C  |
| <b>Storage temperature</b>             | -30 $^{\circ}$ C to +60 $^{\circ}$ C  |
| <b>Humidity (Without Condensation)</b> | 0% - 90% (0 $^{\circ}$ C - 35 $^{\circ}$ C)<br>0% - 70% (35 $^{\circ}$ C - 50 $^{\circ}$ C) |

|                             |  |
|-----------------------------|--|
| <b>Overvoltage category</b> | EN 61010-1 to 1000 V CAT III.<br>EN 61010-1 to 600 V CAT IV. |
| <b>Agency Approvals</b>     | UL, CSA, TÜV listed and VDE Pending                          |

|               |                  |
|---------------|------------------|
| <b>Size</b>   | 43 x 90 x 185 mm |
| <b>Weight</b> | 420 g            |

|                     |   |
|---------------------|---|
| <b>Warranty</b>     | <b>Lifetime</b>                                       |
| <b>Battery life</b> | <b>Alkaline:~200 hours typical, without backlight</b> |

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