

# Digital Volt Meter

Digital Volt Meter

<b>Tool Type:</b> Electronics / measurement
<b>Location:</b> Innovation Workshop
<b>Description:</b> Digital voltmeter
<b>Manufacturer:</b> Fluke

## About

Measures AC voltage, DC voltage, AC current, DC current, capacitance, conductance, frequency, resistance, temperature (K)

## Detailed Specifications

- Max voltage measurement: 1000 V
- Basic AC voltage accuracy:  $\pm(0.7\% + 2)$
- Basic DC voltage accuracy:  $\pm 0.05\% + 1$
- Max current measurement: 10 A
- Basic AC current accuracy:  $\pm(1.0\% + 2)$
- Basic DC current accuracy:  $\pm(0.2\% + 2)$
- Max resistance measurement: 50 MOhms
- Resistance measurement accuracy:  $\pm 0.2\%$
- Max capacitance measurement: 9999  $\mu\text{F}$
- Min capacitance measurement: 10 pF
- Capacitance measurement accuracy:  $\pm(1\% + 2)$
- Max frequency measurement: 200 kHz
- Min frequency measurement: 0.5 Hz
- Frequency measurement accuracy:  $\pm(0.005\% + 1)$
- Max temperature measurement: 1,994  $^{\circ}\text{F}$
- Min temperature measurement: -328  $^{\circ}\text{F}$

## Reference Documentation

---

From:

<https://microfluidics.cnsi.ucsb.edu/wiki/> - Innovation Workshop Wiki

Permanent link:

[https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=digital\\_volt\\_meter&rev=1680905827](https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=digital_volt_meter&rev=1680905827)

Last update: **2023/04/07 22:17**

