

Electronics

- [Rigol Digital Oscilloscope](#)
- [Benchtop DC Power Supply](#)
- [Hakko Soldering Station](#)

Rigol Digital Oscilloscope

Rigol Digital Oscilloscope

Oscilloscope

Tool image

This tool can be used by members and non-members who are well-versed in the operation of the tool. Trainings can always be requested at #class-requests on Slack

Model No	DS1052E
Date Purchased	—
Status	Operational
Link To Manual	Rigol manual download
Link to product page	Rigol DS1000E/U

Description

The Rigol DS1052E is a two-channel digital storage oscilloscope for measuring voltage waveforms in the electronics area. Return probes to storage; do not exceed input ratings.

Specifications (DS1052E)

Channels	2 analog
Bandwidth	50 MHz
Sample rate	1 GSa/s (real-time, per Rigol DS1000E series)
Memory depth	Up to 1 Mpts (series dependent)
Display	5.7 in TFT
Waveform record	Yes (DS1000E series feature)

Additional Resources

- [DS1000E/U downloads](#)

- [International manual portal](#)

Benchtop DC Power Supply

Benchtop DC Power Supply

Power Supply

Tool image

This tool can be used by members and non-members who are well-versed in the operation of the tool. Trainings can always be requested at [#class-requests](#) on Slack

Model No	MS305D (equivalent)
Date Purchased	—
Status	Operational
Link To Manual	MS305D reference (Aidetek)
Link to product page	— (unbranded; MS305D class)

Description

Bench supply functionally equivalent to the **Aidetek MS305D** (30 V, 5 A). Set voltage and current limit before connecting loads. Use MS305D documentation if on-unit labels are unclear.

Specifications (MS305D class)

Output voltage	0-30 V DC (adjustable)
Output current	0-5 A (adjustable)
Display	Dual LED meters (V and A)
Controls	Coarse/fine voltage and current knobs
Outputs	Banana jacks (verify polarity before use)

Additional Resources

- [Aidetek MS305D reference](#)

Hakko Soldering Station

Hakko Soldering Station

Soldering Station

Tool image

This tool can be used by members and non-members who are well-versed in the operation of the tool. Trainings can always be requested at #class-requests on Slack

Model No	FX-888D
Date Purchased	—
Status	Operational
Link To Manual	PDF (FX-888D)
Link to product page	HAKKO document portal

Description

The Hakko FX-888D is a temperature-controlled soldering station for through-hole and SMD work. Turn off when finished; use ventilation for long sessions.

Specifications

Station power	70 W
Temperature range	120–480 °C (200–480 °C US manual)
Stability	±1 °C at idle (200–480 °C range)
Iron	FX-8801
Tip to ground resistance	< 2 Ω
ESD safe	Yes

Additional Resources

- [FX-888D manual \(PDF\)](#)
- [HAKKO manuals](#)