

WSM 1C

WSM 1C - Rechargeable soldering station with micro soldering iron WMRP and soldering tip RT 3, chisel 1,3 mm and safety rest KH 17 with dry cleaner



Benefits

- › Portable soldering station – solder in the field with lightweight soldering station independent of external power supplies, for professional use in remote locations
- › Up to one hour on one charge - Solder up to 1 hour with fully charged battery
- › 5 minutes charging for 15 minutes soldering – fully recharged battery in 20 minutes for up to 1 hour soldering time
- › Extremely fast heat-up time – be ready to solder within 5 seconds; Fastest heat-up and recovery time with sensors close to the soldering tip for excellent heat transfer. No downtime, continuing workflow, excellent results
- › Broad range of RT Micro soldering tips - versatile performance with Weller active RT Micro (RTM) soldering tips range for soldering of micro and standard components covering the widest range of soldering applications
- › ESD-safe – especially designed for soldering in electrostatic exposed areas, and everywhere an ESD-safe assembly is required
- › Intuitive Touch display - all soldering functionalities at hand with intuitive touch display
- › Maximum process security - soldering temperature locking function for maximum process security
- › High temperature accuracy - high temperature accuracy ($\pm 9^{\circ}\text{C}$ ($\pm 17^{\circ}\text{F}$)) and temperature stability ($\pm 5^{\circ}\text{C}$ ($\pm 9^{\circ}\text{F}$)) for highest precision soldering jobs



Technical Data

Dimensions L x W x H (mm)	137 x 110 x 55
Dimensions L x W x H (inches)	5,39 x 4,33 x 2,17 Inch
Weight (approx.) in kg	0.41
Voltage	100-240 V AC / 12 V DC
Power	50 W
Channels	1
Temperature range (depends on tool) °C	100 - 400
Temperature range (depends on tool) °F	210 - 750
Temperature accuracy °C	± 9
Temperature accuracy °F	± 17
Temperature stability °C	± 5
Temperature stability °F	± 9
Equipotential bonding socket	Via 3,5 mm pawl socket on side of device
Display	Touch-Sensor-Technology
Air consumption l/min	---
Operating pressure in bar/psi	---
Capacity l/min	---
Vacuum	---

RT Pico



WX

RT Micro



WX



WT

RT Ultra



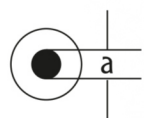
WX



Soldering Iron: WXPP ○ / WXPP MS ●

article a / b (mm) (inch)

Conical



RTP 001 C RTP 001 C		0.1 0.004
RTP 001 C NW RTP 001 C NW MS		0.1 0.004
RTP 002 C RTP 002 C MS		0.2 0.008
RTP 004 C RTP 004 C MS		0.4 0.016
RTP 001 C X RTP 001 C X MS		0.1 0.004
RTP 002 C X RTP 002 C X MS		0.2 0.008

Soldering Iron: WXMP ○ / WXMP MS ● / WMRP ○ / WMRP MS ●

article a / b (mm) (inch)

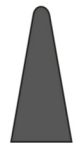
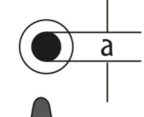
RTM 001 C NW RTM 001 C NW MS		0.1 0.004
RTM 002 C RTM 002 C MS		0.2 0.008
RTM 002 C L RTM 002 C L MS		0.2 0.008
RTM 004 C X MS		0.4 0.016
RTM 005 C X MS		0.5 0.019
RTM 008 C RTM 008 C MS		0.8 0.031

Soldering Iron: WXUP MS ●

article a / b (mm) (inch)

RTU 004 C MS		0.4 0.016
RTU 008 C MS		0.8 0.031
RTU 016 C MS		1.6 0.063
RTU 004 C X MS		0.4 0.016
RTU 008 C X MS		0.8 0.031
RTU 016 C X MS		1.6 0.063

Bevel Cut

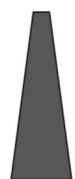
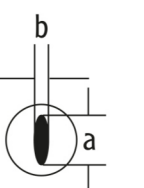


RTP 004 B RTP 004 B MS		0.4 0.016
RTP 012 B RTP 012 B MS		1.2 0.047

RTM 004 B RTM 004 B MS		0.4 0.016
RTM 012 B RTM 012 B MS		1.2 0.047

RTU 020 B MS		2.0 0.079
RTU 035 B MS		3.5 0.138
RTU 050 B MS		5.0 0.197

Chisel



RTP 002 S RTP 002 S MS		0.2 / 0.1 0.008 / 0.004
RTP 002 S NW RTP 002 S NW MS		0.2 / 0.1 0.008 / 0.004
RTP 004 S RTP 004 S MS		0.4 / 0.2 0.016 / 0.008
RTP 008 S RTP 008 S MS		0.8 / 0.3 0.031 / 0.012
RTP 010 S RTP 010 S MS		1.0 / 0.3 0.039 / 0.012
RTP 013 S RTP 013 S MS		1.3 / 0.3 0.051 / 0.012

RTM 003 S		0.3 / 0.15 0.012 / 0.006
RTM 003 S NW RTM 003 S NW MS		0.3 / 0.1 0.012 / 0.004
RTM 004 S MS		0.4 / 0.2 0.016 / 0.008
RTM 006 S MS		0.6 / 0.4 0.024 / 0.016
RTM 008 S RTM 008 S MS		0.8 / 0.4 0.031 / 0.016
RTM 008 S X RTM 008 S X MS		0.8 / 0.4 0.031 / 0.016
RTM 010 S RTM 010 S MS		1.0 / 0.3 0.039 / 0.012
RTM 013 S RTM 013 S MS		1.3 / 0.4 0.051 / 0.016
RTM 013 S X RTM 013 S X MS		1.3 / 0.5 0.051 / 0.019
RTM 015 S RTM 015 S MS		1.5 / 0.4 0.059 / 0.016
RTM 018 S RTM 018 S MS		1.8 / 0.4 0.071 / 0.016
RTM 022 S RTM 022 S MS		2.2 / 0.4 0.087 / 0.016
RTM 032 S RTM 032 S MS		3.2 / 0.9 0.126 / 0.035
RTM 036 S RTM 036 S MS		3.6 / 0.9 0.141 / 0.035

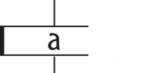
RTU 015 S MS		1.5 / 0.4 0.059 / 0.016
RTU 022 S MS		2.2 / 0.6 0.087 / 0.024
RTU 032 S MS		3.2 / 0.8 0.126 / 0.031
RTU 032 S L MS		3.2 / 0.8 0.126 / 0.031
RTU 050 S MS		5.0 / 1.2 0.197 / 0.047
RTU 076 S MS		7.6 / 1.5 0.299 / 0.059
RTU 093 S MS		9.3 / 2.0 0.366 / 0.079

NO COMPROMISE.

PRECISION. PERFORMANCE. POWER.

EXPLORE THE NEW ACTIVE SOLDERING TIP RANGE

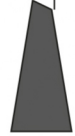
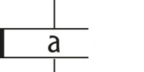
Knife



RTP 010 K RTP 010 K MS		1.0 0.039
RTP 010 K NW RTP 010 K NW MS		1.0 0.039
RTP 025 K RTP 025 K MS		2.5 0.098

RTM 025 K RTM 025 K MS		2.5 0.098
RTM 022 K RTM 022 K MS		2.2 0.087
RTM 030 K RTM 030 K MS		3.0 0.118

Gullwing



RTP 020 G RTP 020 G MS		2.0 0.079
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RTM 020 G RTM 020 G MS		2.0 0.079
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RTU 020 G MS		2.0 0.079
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- Standard tip
- Mil-Spec soldering tip
- not wettable

Measuring tip

RTM Measuring tip	
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Blade



RTU 100 K MS		10.0 0.393
RTU 160 K MS		16.0 0.630
RTU 200 K MS		20.0 0.078
RTU 330 K MS		33.0 1.299

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