WXD 2 Desoldering station

REMOVE SOLDER WITH THE FASTEST DESOLDERING IRONS IN THE WORLD.
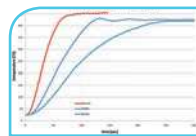
TECHNICAL DATA

Channels	2
Dimensions L x W x H (Inches)	6.69 x 5.94 x 5.12
Dimensions L x W x H (mm)	174 x 154 x 135
Weight (approx.) in kg	3.8
Voltage	230 V, 50 Hz
Power	200 W (255 W)
Protection class	I
Fuse	T2 A
Temperature range (depends on tool) °C	50 - 550
Temperature range (depends on tool) °F	150 - 999
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✔
Interface	1x USB, 2x RS232, 1x Switching output
ESD-safe	✔
Automatic tool identification	✔
Traceability (unit data)	✔
Air consumption l/min	35
Built-in pump	
Vacuum	max. 55 kPa (8psi)
IPC-compliant	yes
Compressed air connection	Outer diameter 6 mm (0.24 "), oil-free, dry compressed air
USB port	✔
Benchtop controller	✔
Display	255 x 128 pixels / Backlighting

External compressed air supply
The maintenance-free Venturi unit produces a constant vacuum using an external compressed air supply.

Fastest desoldering iron
With its 120 watts and extremely short heating time, the desoldering iron can easily handle jobs that would have been difficult in the past, including desoldering high mass PCBs.

No tedious cleaning
The new, extended nozzle shaft prevents the suction tube from sticking. Since the suction channel has also been replaced, the once tedious and time-consuming task of cleaning the tool is now a thing of the past.

Quick replacement
Thanks to ingenious mountings, the suction nozzle and solder cartridge can be changed quickly and easily – without the risk of burns or tricky replacement work.

Huge cost savings
The relatively low operating temperature (380°C) and automatic standby mode controlled by the use sensor increase the service life of the suction nozzles by a factor of 3.

Vacuum run-on
A vacuum run-on time can be set to prevent the suction pump blocking.

Two models are available.
The WXDP 120 is designed for horizontal operation and the WXDV 120 for vertical operation.

Soldering Stations

Soldering iron and safety rest

Soldering tips and nozzles

Preheating plates

Soldering bathes

Circuit board holder

Solder feeder

Hot air heating gun

Temperature measuring

Accessories

Weller®

WXD 2

2-Channel Power Unit, 200 W (255 W)

200 W (255 W) | **WX** compatible | **TRACE**ability Weller qualified | ⚠

Order No. T005 34 266 99N

- Cost effective because only one station is needed
- Less rework by optimal use of tools and the correct working temperature. Reduction of running costs by longer tip lifetime.
- Desoldering iron with stand-by mode
- Patented, ESD safe glass display. Simple and fast setting of soldering parameter.

WXD 2010

2-Channel Solder- and Desoldering Station Set, 200 W (255 W)

200 W (255 W) | **WX** compatible | **TRACE**ability Weller qualified | ⚠

Order No. T005 34 286 99N

- Desoldering station WXD 2, 2 channels with desoldering iron WXDP 120
- Soldering- and desoldering tools with intelligent WX technology
- Connection to external compressed air supply required
- Energy effective: automatic stand-by mode for tools
- Patented, ESD safe glass display. Simple and fast setting of soldering parameter.

Scope of supply	Order No.	Model	Description
	T005 13 201 99N	WXDP 120	Desoldering iron 120 W, 24 V
	T005 13 250 99	XDS 1	Desoldering nozzle Inside Ø 1, 4 mm, Outside Ø 2, 5 mm, Nozzle length 10, 5 mm
	T005 15 172 99N	WDH 70	Safety rest with brass cleaning wool WXDP 120 desoldering iron
	T005 34 266 99N	WXD 2	2-Channel Power Unit, 200 W (255 W)
	T005 87 658 01N	PDN	PDN Pliers for changing nozzles.

Weller

WXD 2020

2-Channel Solder- and Desoldering Station Set, 200 W (255 W)

200 W (255 W) | **WX** compatible | **TRACE**ability Weller qualified |

Order No. T005 34 296 99N

- Soldering and desoldering station WXD 2, 2 channels with WXDP 120 and soldering iron WXP 120
- Soldering- and desoldering tools with intelligent WX technology
- Connection to external compressed air supply required
- Energy effective: automatic stand-by mode for tools
- Patented, ESD safe glass display. Simple and fast setting of soldering parameter.

Scope of supply	Order No.	Model	Description
	T005 13 201 99N	WXDP 120	Desoldering iron 120 W, 24 V
	T005 13 250 99	XDS 1	Desoldering nozzle Inside Ø 1, 4 mm, Outside Ø 2, 5 mm, Nozzle length 10, 5 mm
	T005 15 121 99N	WDH 10	Safety rest with dry cleaner
	T005 15 172 99N	WDH 70	Safety rest with brass cleaning wool WXDP 120 desoldering iron
	T005 29 201 99N	WXP 120	Soldering iron 120 W, 24 V with Power-Response Heating Technology
	T005 34 266 99N	WXD 2	2-Channel Power Unit, 200 W (255 W)
	T005 44 704 99	XT B	Soldering tip chisel Ø 2,4 mm
	T005 87 658 01N	PDN	PDN Pliers for changing nozzles.

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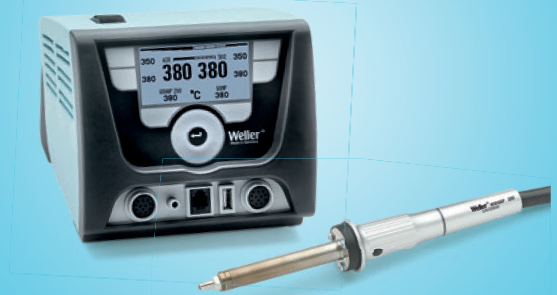
Temperature measuring

Accessories

WXA 2 Hot-Air station

THE PERFECT SOLUTION FOR HOT-AIR AND SOLDERING JOBS.

Clear handling advantages and tangible cost savings in one unit. That's what you get with the WXA 2 hot-air station. Ideal for complex hot-air jobs or traditional soldering. The amount of hot air (20 l/min at 6 bar) can be adjusted to any value in range. And of course the entire range of high-performance hot-air and soldering accessories is compatible with this station.

TECHNICAL DATA

Channels	2
Dimensions L x W x H (Inches)	6,69 x 5,95 x 5,12
Dimensions L x W x H (mm)	174 x 154 x 135
Weight (approx.) in kg	4.0
Voltage	230 V
Power	200 W (255 W)
Protection class	I
Fuse	T2A
Temperature range (depends on tool) °C	100 - 550
Temperature range (depends on tool) °F	200 - 999
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Equipotential bonding	✔
Max. vacuum	
Interface	1x USB, 2x RS232, 1x Switching output
ESD-safe	✔
Automatic tool identification	✔
Traceability (unit data)	✔
Temperature accuracy for hot air °C	±30
Temperature accuracy for hot air °F	±54
Max. hot air flow rate l/min (depends on tool)	15
Air consumption l/min	20
Compressed air connection	Outer diameter 6 mm (0, 24 "), oil-free, dry compressed air
USB port	✔
Equipotential bonding socket	Via 3, 5 mm pawl socket on back of device.

Adjustable air amount

The amount of air can be controlled using the rotary knob. An external compressed air supply is needed. The amount of air is displayed in percent.

Adjustable operating mode

The unit has 3 separate operating modes.

Operating mode level 1 – the air flow continues for as long as the button on the hot-air iron or foot switch is pressed.

Operating mode level 2 – if the button is pressed once, the hot-air flow continues for between 0 and 300 seconds, stopping at the end of the set time.

Operating mode level 3 – the WXHAP 200 switches on with one press of the button and off with the second press.

Finger and foot switches

The air flow is controlled using the finger switch in the handle.

It can also be controlled by a foot switch (optional).

Ion trap

All WX devices are ESD-safe and can be used in electrostatically protected areas.

The ion trap in the iron ensures that the emerging hot air is free of static electricity.

Inert gas operation

An inert gas (nitrogen) can also be used for challenging soldering jobs to generate the hot air.

Weller

WXA 2

2-Channel Power Unit, 200 W (255 W)

200 W (255 W) | **WX** compatible | **TRACEability** Weller qualified | ⚠

Order No. T005 34 256 99N

- Power unit, 2 channels
- For operation with external compressed air
- Simultaneous operation of 2 soldering tools

Scope of supply	Order No.	Model	Description
	T005 34 256 99N	WXA 2	2-Channel Power Unit, 200 W (255 W)

WXA 2010

2-Channel Hot-Air Station Set, 200 W (255 W)

200 W (255 W) | **WX** compatible | **TRACEability** Weller qualified | ⚠

Order No. T005 34 306 99N

- Power unit WXA 2, 2 channels with hot air iron WXHAP 200
- Best set for hot air tasks
- Simultaneous operation of 2 soldering tools
- For operation with external compressed air

Scope of supply	Order No.	Model	Description
	T005 15 152 99N	WDH 30	Safety rest with dry cleaner
	T005 27 119 99N	WXHAP 200	Hot air iron 200 W, 24 V with hot air nozzle R 06 round Ø 3,0 mm
	T005 34 256 99N	WXA 2	2-Channel Power Unit, 200 W (255 W)
	T005 87 278 21	R04	R 04 Hot Air Nozzle Round, Ø 1,2 mm, for HAP 1 and HAP 200
	T005 87 278 22	R06	R06 Round Nozzle for HAP 1 and HAP 200, Ø 3.0 mm

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