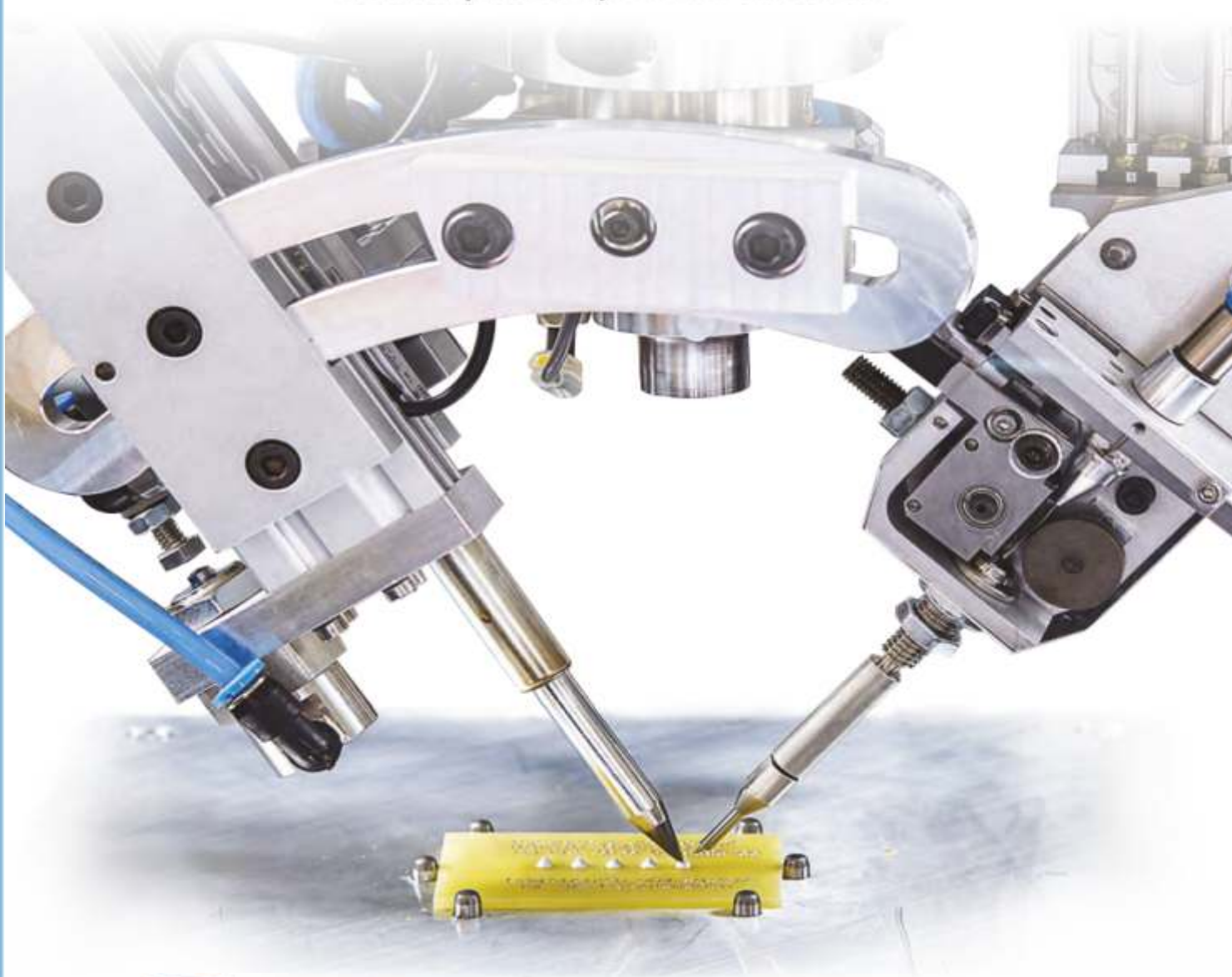


WTBR 2000

Advanced Automation

by the soldering experts

Highest precision. Superior reliability.
Increased productivity. All from one source.



Weller®

WTBR 2000 BENCHTOP ROBOT

More than half a century of experience in soldering and superiority in innovation, allows us to take our customers to the next step in achieving production excellence. The new WTBR 1000 Benchtop Robot represents a one-of-a-kind synergy of precision, reliability, and productivity of soldering tasks.



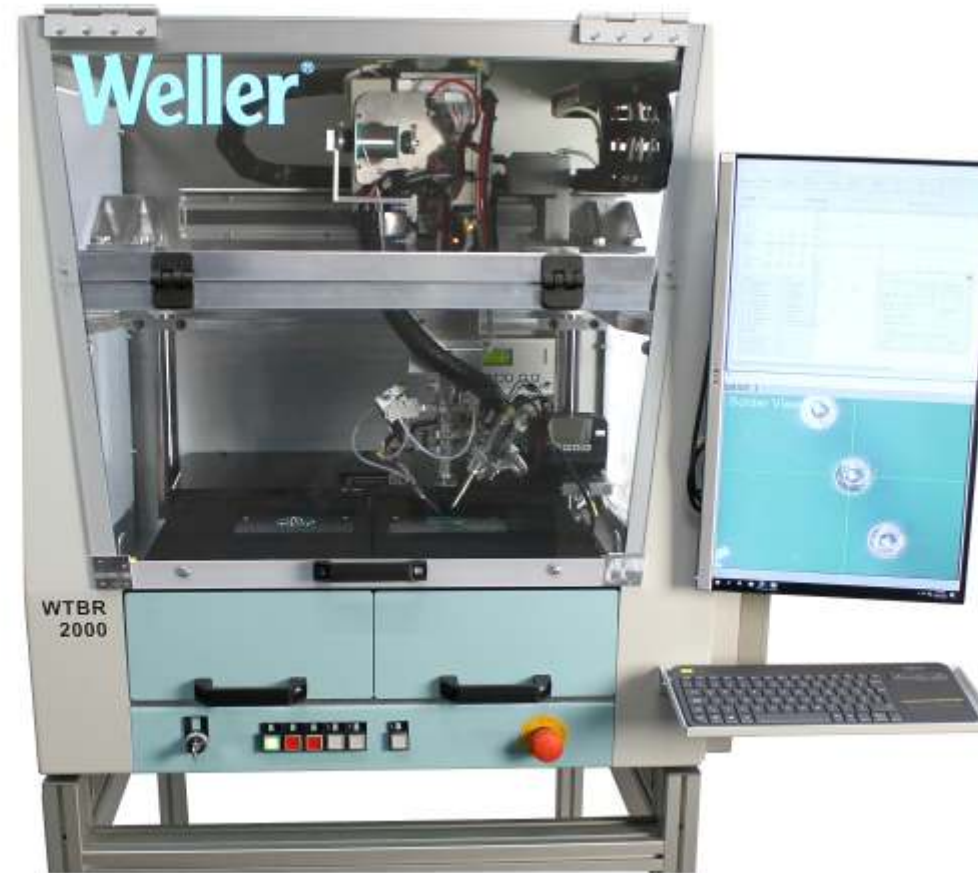
PRECISION



LED illuminated camera enables high-precision soldering with superior quality control

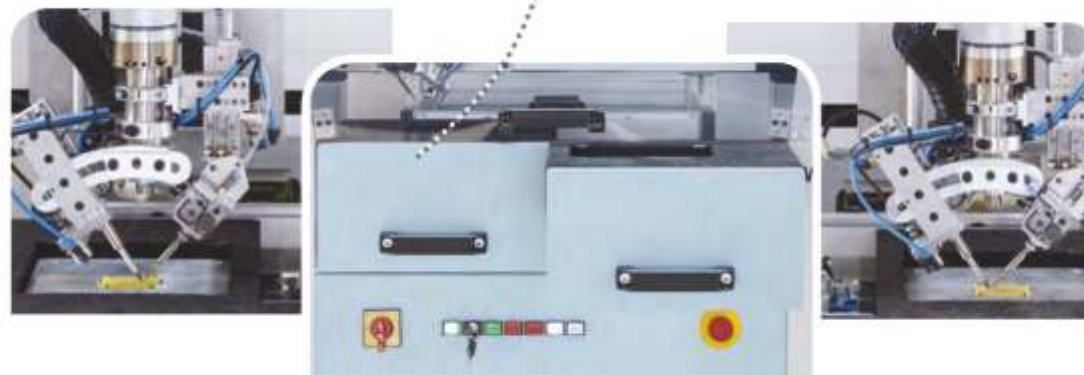


"On point" solder feeder next to the iron smoothly pulls the solder wire through the tube



Robust, sturdy construction protects the unit from disruptive movement or vibration

PRODUCTIVITY



Double drawer system for continuous production

Double drawer system for continuous production



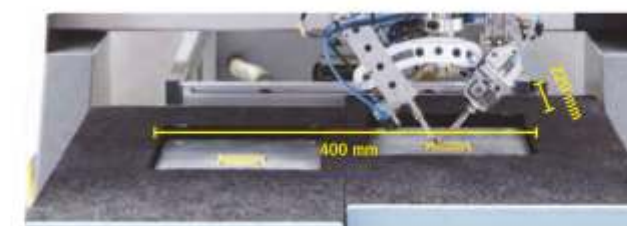
1H soldering station: the brain behind the robot: W, precise temperature control and stability.

RELIABILITY

Easy to learn and use software



Safety cover fully encloses the integrated fume extraction system, protecting the user, workpiece, and equipment



Working area allows maximum flexibility (Drawer height 100 mm)

ADVANTAGES AT A GLANCE

Highest soldering precision and superior reliability

- > The **WTBR 2000** is equipped with Weller's high performance Technology Line soldering tools, ensuring consistent quality of solder joints.
- > The solder feeder is designed to be in close proximity to the workpiece (PCB), pulling the wire rather than pushing it through the feeder tube.
- > The robust and sturdy construction ensures that no sudden movements or vibrations negatively affect the workpiece, the components or the tools.

Maximizing productivity, lowering cost

- > A double drawer system allows continuous production thereby providing much higher process throughput, improving productivity and offering flexibility.
- > The **WTBR 2000** allows up to 50% cost saving versus hand soldering.

Easy to learn and use software

- > The **WTBR 2000** is operated with easy to learn and use software, enabling operators to start using the unit comfortably and quickly.
- > It is easy to switch from one operator to another, with minimum time lost and without unnecessary training expenses.

Fully-enclosed system offers triple protection

- > Being a fully-enclosed system, with integrated fume extraction, the **WTBR 2000** Benchtop Robot allows our customers to achieve the highest level of safety: protecting the operator, the workpiece (PCB) and the machine.
- > The fully-enclosed system provides a complete and CE-compliant solution to the customer.

STATE-OF-THE-ART EQUIPMENT TO MEET EVERY SOLDERING CHALLENGE



WX LINE



WT LINE

Technical Data for **WTBR 2000 BENCHTOP ROBOT**

Dimensions (mm)	1000 x 1000 x 1200
Dimensions (inches)	3.94 x 39.4 x 47.2
Two Drawer Working Area (mm)	400 x 350 x 100 (each drawer 200 x 350 x 100)
Two Drawer Working Area (Inches)	15.7 x 13.8 x 3.9 (each drawer 7.9 x 13.8 x 3.9)
Two drawers (mm)	600 x 590 x 100 (each drawer 300 x 590 x 100)
Two drawers (inches)	23.6 x 23.2 x 3.9 (each drawer 11.8 x 23.2 x 3.9)
Accuracy	20 µm
Velocity	(X) 500 (Y) 300 (Z) 120 mm/s

Power supply	200-230 V AC / 50-60 Hz, 100-120 V / 50-60 Hz
Weight	230 kg (507 lbs.)
Enclosure	Integrated
Solder Wire Diameters	0.5 – 1.5 mm (0.02 - 0.06 in)
Solder Wire Feeding Speed	3-32 mm/s (0.11 - 1.25 in./s)
Soldering Tool (Standard)	WT1 H with HER 120
CE	Yes
Fume Extraction	yes (Weller LL150)
ESD safe	yes

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