

Lifemeta™ Tube Welder-Pro



Application

- Aseptically weld TPE tubes of single-use sampling bags
- Aseptically weld TPE tubes of single-use storage bags

Performance Verification

- Lifemeta™ Tube Welder-Pro has completed the following verification and has complete validation guide.
- Pressure resistance test
- Tensile strength test
- Water flow test
- Bacterial challenge test
- Extractable test
- Particulate matter test
- Bacterial endotoxins test

Powerful Function

- Lifemeta™ Tube Welder-Pro can weld either dry, wet or liquid-filled TPE tube in sterile and non-sterile environment while maintaining product sterility.
- Efficient and quick, and the welding process can be completed in about 2 minutes.
- Compatible with more specifications and brands of TPE tube, capable of welding tubes with an outer diameter of 1/4 inch to 1 inch.

Intelligent Design

- Intelligent judgment of blade installation direction, ensuring lower risk welding.
- The chip of the tube holder can be intelligently recognized, effectively preventing erroneous operations.

Safe Operation

- The whole process automatically senses the state of the protective cover to prevent high temperature accidental touch.
- Emergency stop function can effectively terminate the wrong welding operations.

Audit Trail

- Supports configuring 100 user information and 5 permission levels for more flexible device management.
- Automatically store 100000 log data, supporting viewing and exporting.

Product Services

- Support the drafting and validation of 3Q.
- Standard temperature calibration function, equipped with temperature calibration report.

Compatible TPE Tubings

TPE Tubing	Size
Lifemeta STF C-Flex 374 AdvantaFlex	ID1/8"*OD1/4"
	ID3/16"*OD5/16"
	ID1/4"*OD3/8"
	ID1/4"*OD7/16"
	ID3/8"*OD5/8"
	ID1/2"*OD3/4"
	ID5/8"*OD7/8"
	ID3/4"*OD1"

Parameters

Model	LMTWPA0
Input Voltage/Power	100-240 VAC 50/60 HZ 200 W
Screen	7 inch high-definition color touch screen
Dimension	L×W×H: 605mm×256mm×297 mm
Weight	18.5Kg
Applicable Environment	Operating Temperature 5°C~40°C Humidity 20%-80%
Log Storage	USB export

Ordering Information

Name	Model	Unit/Box
Lifemeta™ Tube Welder	LMTWPA0	1 pcs
Blade	W-J-BJ-JGJ-006	50/box
1/8"*1/4"Tube Holder	W-J-JJ-JGJ-050	2 pcs/group
3/16"*5/16"Tube Holder	W-J-JJ-JGJ-058	2 pcs/group
1/4"*3/8"Tube Holder	W-J-JJ-JGJ-051	2 pcs/group
1/4"*7/16"Tube Holder	W-J-JJ-JGJ-052	2 pcs/group
ID3/8"*OD5/8"Tube Holder	W-J-JJ-JGJ-053	2 pcs/group
ID1/2"*OD3/4"Tube Holder	W-J-JJ-JGJ-054	2 pcs/group
ID5/8"*OD7/8"Tube Holder	W-J-JJ-JGJ-055	2 pcs/group
ID3/4"*OD1"Tube Holder	W-J-JJ-JGJ-056	2 pcs/group



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* Specifications subject to change without notice.