



Lesite Technology

Hot Air Welding Gun

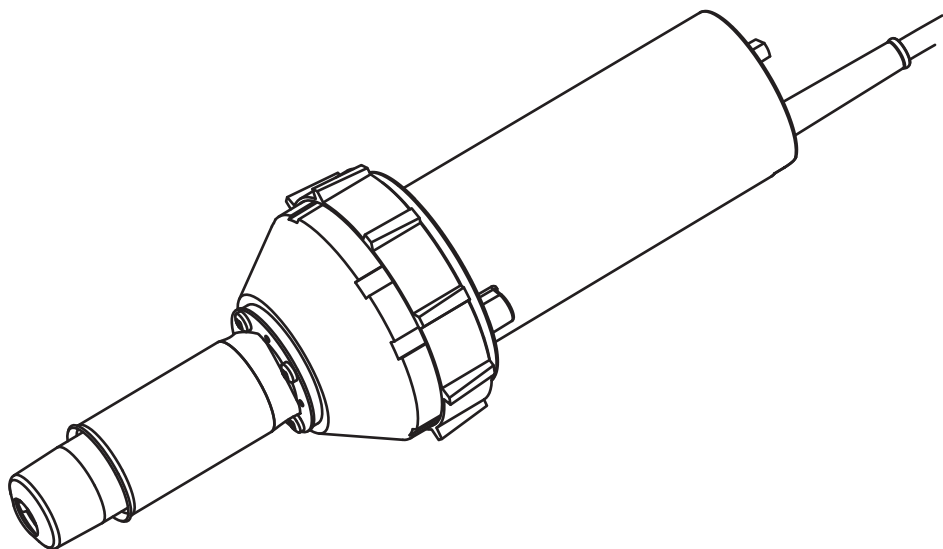
LST1600

LST3400

LST2000

Manual

V1.0





Please read this manual carefully before using this machine, and keep it for future reference.

Each hot air gun must undergo a double test of 100% performance and safety before leaving the factory. A variety of nozzles and models can meet different heating applications, and deeply meet the needs of customers.

Application

The following are different applications of hot air gun:

- | | |
|---|--------------|
| - Plastic containers | - Activate |
| - TPO, PVC and Bitumen roofing membrane | - Drying |
| - Welding Tarpaulin and Banner | - Preheating |
| - Welding PVC floor | - Forming |



Precautions



Unplug the welder before disassembling it to avoid injury from exposed wires or component inside the machine with power.



Incorrect operation may cause fire and explosion hazard because of high temperature, especially near combustible materials and explosive gases.



Don't touch heater tube and nozzle when they are hot. They may cause burns. Don't point the nozzle at people to avoid burns.



The power supply voltage must match the rated voltage marked on the welding machine and be reliably grounded. Connect the welding machine to a socket with a protective ground conductor.



To ensure operator safety and reliable operation of equipment, the power supply must be equipped with a voltage stabilizer and a residual current device.

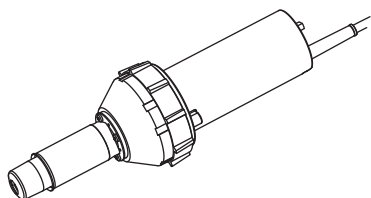


The welding machine must be operated under the correct control of the operator, otherwise it may cause combustion or explosion due to hightemperature.

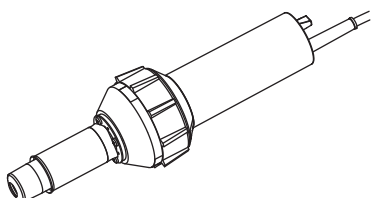


It is strictly forbidden to use the welding machine in water or muddy ground, avoid soaking, rain or damp.

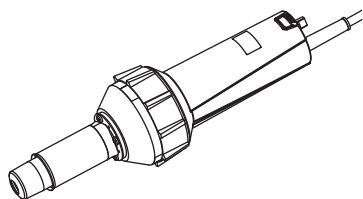
Product Series



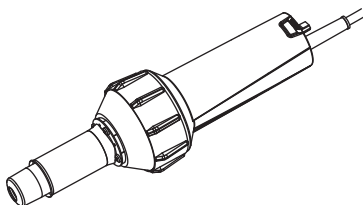
LST1600A



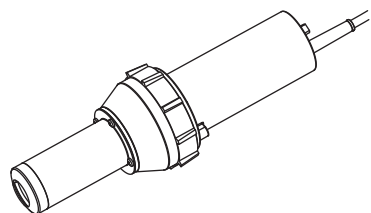
LST1600S



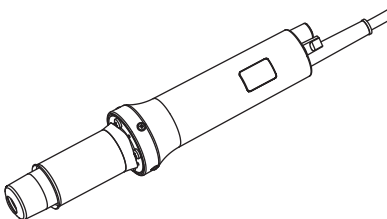
LST1600D



LST1600E



LST3400



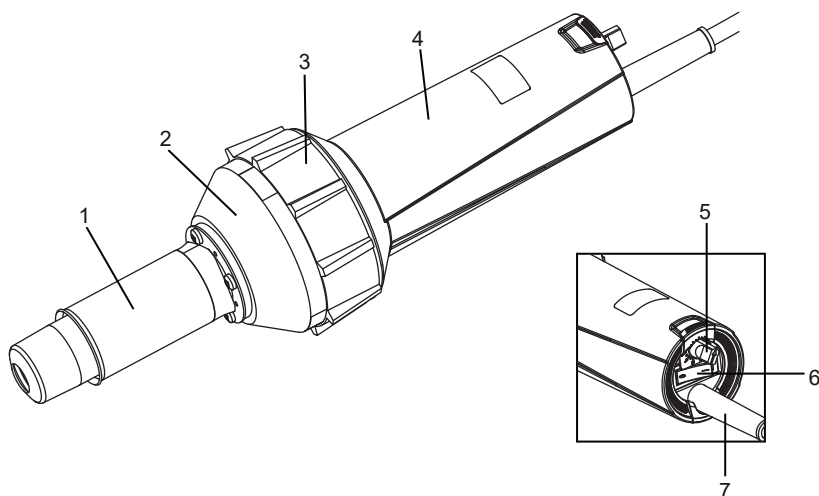
LST2000

LST1600 Parameter

Model	LST1600A	LST1600S
Rated Voltage	230 / 120 V	230 / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz
Power	1600 W	1600 W
Temperature	20 - 620 °C	20 - 620 °C
Air Volume	180 L/min	180 L/min
Noise	≤ 65 Db	≤ 65 Db
Net Weight	1.36 Kg	1.35 Kg
Handle Dia	φ 65 mm	φ 58 mm
Size	330 × 106 × 106 mm	343 × 100 × 100 mm
Motor	Brush / Brushless	Brush / Brushless
Overheat Protection	Standard Configuration	Standard Configuration
Temperature Control	Open Loop	Open Loop
Certificate	CE	CE
Warranty	One Year	One Year

Model	LST1600D	LST1600E
Rated Voltage	230 / 120 V	230 / 120 V
Frequency	50 / 60 Hz	50 / 60 Hz
Power	1600 W	1600 W
Temperature	20 - 620 °C	20 - 620 °C
Air Volume	180 L/min	180 L/min
Noise	≤ 65 Db	≤ 65 Db
Net Weight	1.36 Kg	1.35 Kg
Handle Dia	φ 58 mm	φ 58 mm
Size	339 × 100 × 100 mm	339 × 103 × 103 mm
Motor	Brush	Brush
Overheat Protection	Standard Configuration	Standard Configuration
Temperature Control	Closed Loop	Open Loop
Certificate	CE	CE
Warranty	One Year	One Year

LST1600 Main Parts



1、Air Duct

2、Outer Cover

3、Shockproof Pad

4、Handle

5、Potentiometer

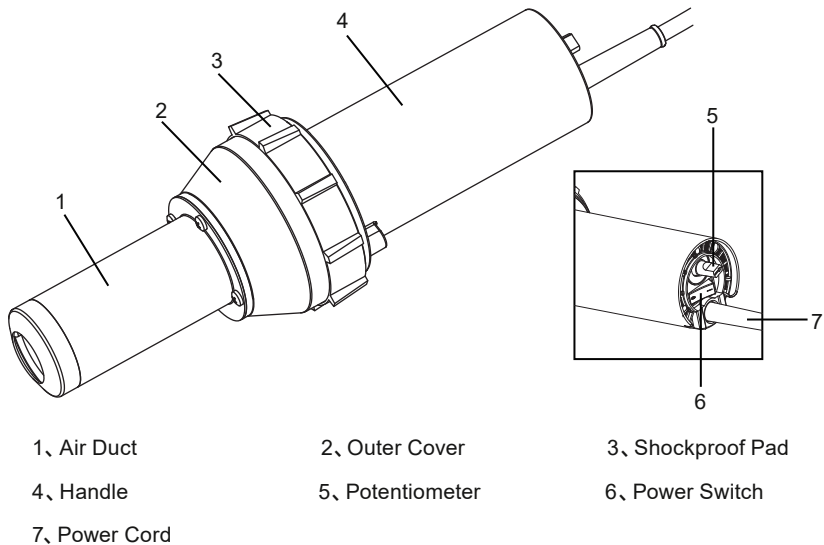
6、Power Switch

7、Power Cord

LST3400 Parameter

Model	LST3400
Rated Voltage	230 V
Frequency	50 Hz
Power	3400 W
Temperature	20 - 550 °C (Brush) / 20 - 650 °C (Brushless)
Air Volume	500 L/min
Noise	≤ 65 Db
Net Weight	1.51 Kg
Handle Dia	φ 65 mm
Size	328 × 106 × 106 mm
Motor	Brush / Brushless
Overheat Protection	Standard Configuration
Temperature Control	Open Loop
Certificate	CE
Warranty	One Year

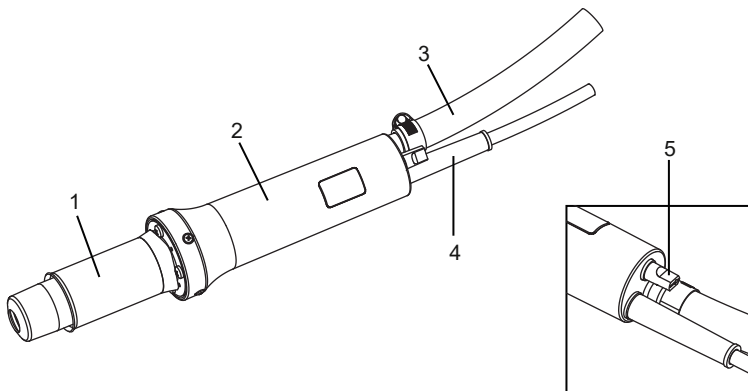
LST3400 Main Parts



LST2000 Parameter

Model	LST2000
Rated Voltage	230 / 120 V
Frequency	50 / 60 Hz
Power	1600 W
Temperature	20 - 620 °C
Air Volume	150 L/min
Noise	≤ 65 Db
Net Weight	2.4 Kg
Handle Dia	φ 65 mm
Size	292 × 60 × 60 mm
Motor	Brush / Brushless
Overheat Protection	Standard Configuration
Temperature Control	Open Loop
Air Tube	3 m
Certificate	CE
Warranty	One Year

LST2000 Main Parts



1、Air Duct

4、Power Cord

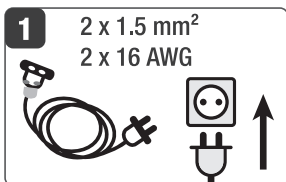
2、Handle

5、Potentiometer

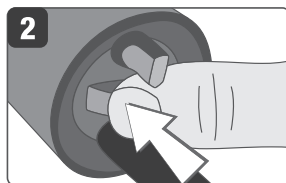
3、Tube Interface

Operation Steps

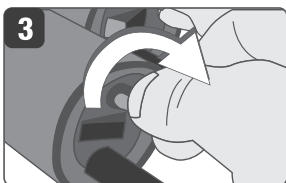
1.Start Up



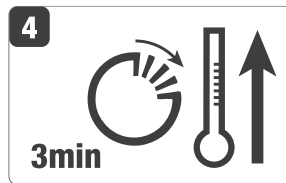
Connect Power Supply



Turn On the Power Switch

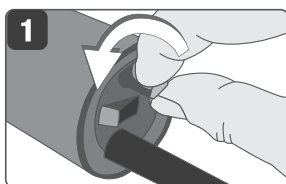


Rotate The Potentiometer Rightward

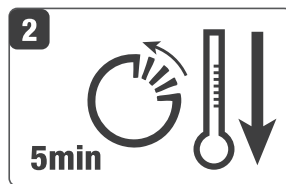


Preheat 3 Minutes

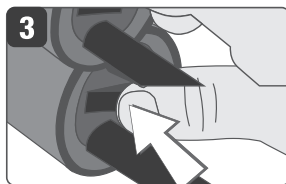
2.Shut Down



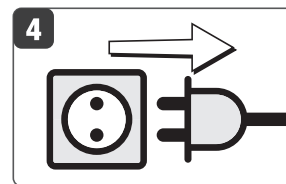
Rotate The Potentiometer Leftward



Twist The Potentiometer to "0"
Then Wait 5 Minutes

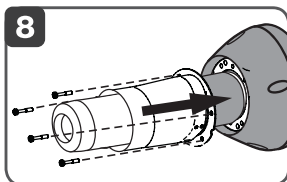
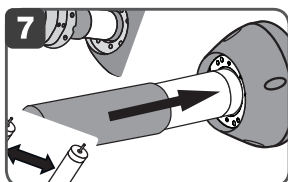
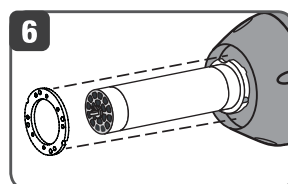
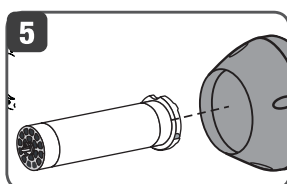
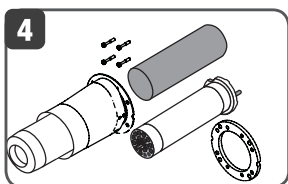
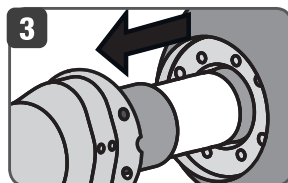
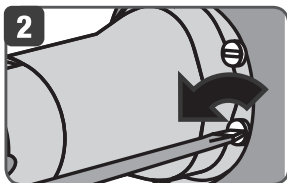
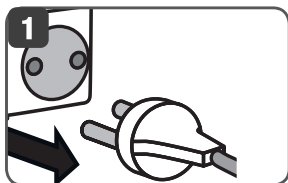


Turn Off The Power Switch

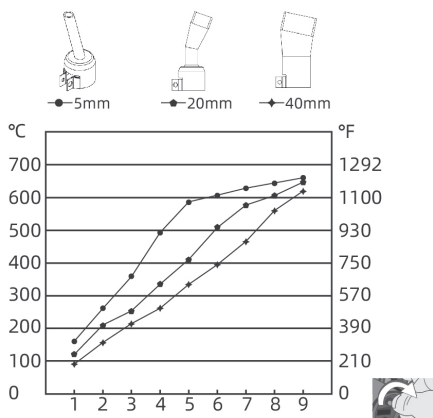


Unplug The Power Cord

Replacing Heating Element

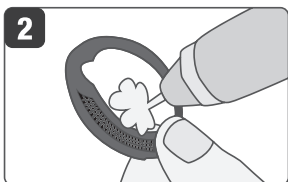


Nozzle Welding Temperature Gauge



All above is only for reference and shall not be deemed as inspection standard

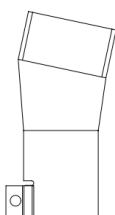
Cleaning Air Filter



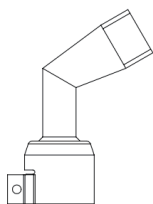
Welding Nozzles



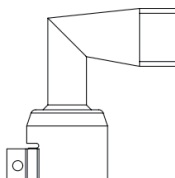
20mm Wide
Slot Nozzle



40mm Wide
Slot Nozzle



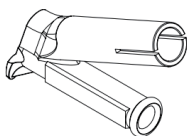
120° Angle
Nozzle



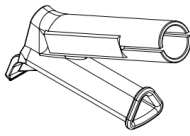
90° Angle
Nozzle



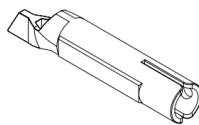
φ5mm
Tubular Nozzle



Round Speed
Nozzle



Triangle
Speed Nozzle



Tacking Nozzle

Quality Assurance

- This product guarantees a one year warranty from the day it is sold to consumers. We will be responsible for failures caused by material or manufacturing defects. We will repair or replace defective parts at our sole discretion to meet the warranty requirements.
- The quality assurance does not include damage to wearing parts (heating elements, carbon brushes, bearings, etc.), damage or defects caused by improper handling or maintenance, and damage caused by falling products. Irregular use and unauthorized modification should not be covered by the warranty.

Repairs and Spare Parts

- It is strongly recommended to send the product to Lesite company or authorized repair center for professional inspection and repair.
- Only original Lesite spare parts are allowed.





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