

LEISTER Hot-Jet S Digital

Hot air soldering station



Please read operating instructions carefully before use and keep for further reference.

APPLICATION

- **Soldering and de-soldering of SMD and thru-hole components.**
- **Shrinking** of heat-shrink sleeves, -films, -tapes, -solder connections and moulded parts.
- **Drying** of water-damp surfaces.
- **Welding** of thermoplastic materials.
- **Activating/dissolving** of solvent free adhesives and hot melt adhesives.





WARNING



Danger to life when opening the tool, as live components and connections are exposed. Unplug the tool before opening it.



Incorrect use of hot air blowers can cause **fire and explosion hazard**, especially near combustible materials and explosive gases.



Do not touch the element housing and nozzle when they are hot as they can cause **burns**. Let the tool cool down. Do not point hot air flow in the direction of people or animals.



CAUTION



The **voltage rating** stated on the tool must correspond to the line/mains voltage.



For personal protection on building sites we strongly recommend the tool be connected to a **GFCI** (Ground Fault Circuit Interrupter) or a **RCCB** (Residual Current Circuit Breaker).



The tool must be operated **with supervision**. Heat can reach combustible materials, which are out of sight.



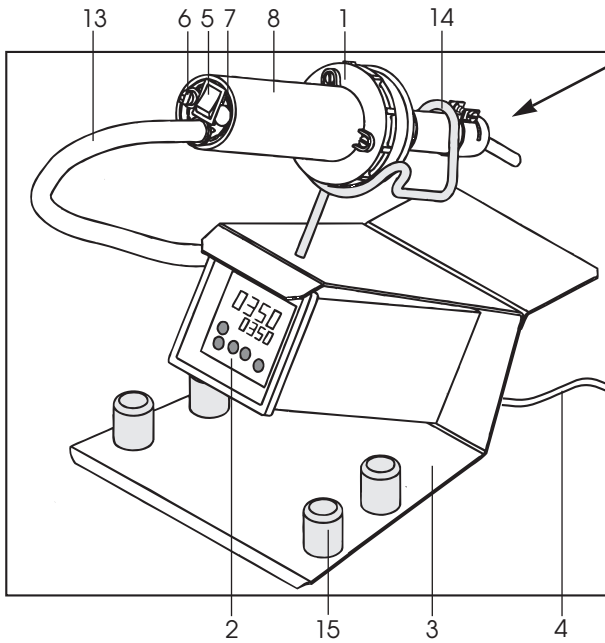
Protect tool from **damp** and **wet**.

TECHNICAL DATA

Electrical safety: double insulated

Voltage	V~	100, 120, 230, for 50/60 Hz	Mains voltage cannot be switched over
Power consumption	W	460, 460, 460	
Temperature	°C	20 – 500, steplessly controlled	
Air flow	l/min.	20 – 80, steplessly adjustable	
Air pressure	mbar	max. 16	
Noise level	dB (A)	59	
Weight	kg	2.1 soldering station, 0,375 hand tool without cord	
Size	mm	245 x 180 x 200 handle Ø 40	

Description of tool



9. ESD-lead connection
 10. Element housing
 11. Nozzle
 12. Clamp with screw to push-fit nozzle
 13. Connection cable for hot air tool/Control equipment
 14. Tool holder
 15. Nozzle holder
1. Hot air tool
 2. Digital Control Equipment
 3. Tool stand
 4. Cord to mains
 5. On/off switch for hot air tool
 6. Potentiometer for air flow adjustment
 7. Air filter
 8. Handle

Operating condition

- As required, push-fit appropriate **nozzle (11)**.
- Connect soldering station to the mains.
- The air flow is steplessly adjustable by use of the black **potentiometer (6)**.
- The hot air temperature is steplessly adjustable via the **Digital Control Equipment (2)**.

See operating instructions supplement A for Digital Control Equipment.

- If required, connect ESD-lead connection to ground.
- **Switch on (5)** and allow to warm up. The hot air temperature is displayed on the **Digital Control Equipment (2)**. As soon as the set and actual value correspond, the tool is ready for use.

Operation

- The Leister Company, as well as the Sales and Service Centres, offer free training courses in all areas of application (see page 1).

Change of nozzles

- Before changing nozzles, allow the tool to cool down, or use only a suitable tool (combination pliers).
- Do not touch hot **nozzle (11)** and make sure to put it only on the **nozzle holder (15)** or a heat resistant surface, because of the **fire hazard**.
- The nozzles are easily pushed onto the tapered **element housing (10)** and are then secured by fastening the **screw on the clamp (12)**.
- Only Leister nozzles have to be used.

ACCESSORIES

- Only Leister accessories has to be used.

MAINTENANCE

- The tool's **air filter (7)** should be cleaned with a fine brush.

SERVICE AND REPAIRS

- The carbon brushes of the motor have to be checked by your Service Centre after about 700 hours running time.
- Repairs should only be carried out by authorised **LEISTER Service Centres**. They guarantee a specialised and reliable **Repair Service within 24 hours** using original spare parts lists.

GUARANTEE AND LIABILITY

- Guarantee and liability are in accordance with the guarantee certificate as well as with the currently valid general business and sales conditions.
- LEISTER Process Technologies rejects any guarantee claims for tools which are not in their original condition. The tools must never be altered or changed.

Technical data and specifications are subject to change without prior notice.

Authorized Service Center: STAR Process Heat Systems - 877-782-7747