

## LEISTER Labo 34 Electric Hot-Air Tool

(without electronics)



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

### APPLICATION

- The LEISTER Hot-Air Tool Labo 34 is suitable for building into machines, installations and appliances and can be installed for continuous operation.
- **Drying and heating processes** of various types
- **Shrinking and welding** of packaging films and moulded parts
- **Heating** of conveyor ovens or heat tunnels
- **Activating and loosening** of solvent free adhesives and melt adhesives
- **Sterilizing** of packaging materials such as bottles, corks and containers
- **Smoothing** the coating on pills, putting a shine on chocolates and cosmetic articles
- **Separating and fusing** of synthetic fibres and fabrics
- **Soldering processes** on thin metal parts
- **Speeding up** mixing processes and **dissolving** foams
- **Removing** plastic mould flash and putting a **shine** on plastic surfaces





## WARNING



**Danger to life** when opening the tool as live components and connections are exposed. Before opening it disconnect all poles from the line/mains.



Incorrect installation and use of hot-air tools can present a **fire and explosion hazard**. The specified minimum air flow must be strictly kept.



Do not touch heater tube 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.



Protect tool from **damp and wet**.



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

Electrical safety  double insulated

## TECHNICAL DATA

Voltage	V~	120	230
Frequency	Hz	50/60	50/60
Power consumption	W	550	800
Minimum air flow	l/min.	80	100
Maximum temperature	°C	650	650
Ambient temperature	°C	<100	<100
Weight	g	100	100
Size (ø × L)	mm	ø 34 × 124	ø 34 × 124

## Description of tool



1. Air intake connection
2. Housing
3. Heater tube
4. Power supply cord

## Installation

- When installing the tool, ensure that
  - only cold air is sucked in
  - no heat accumulation develops
  - the hot-air tool is not in the direction of the hot stream of another hot-air tool.
- Protect the tool from vibration and shock.
- Installation dimensions in mm



## Air supply

- **To protect hot-air tool and heating element, the air flow must never fall below the specified minimum, and the maximum temperature (measured 3 mm in front of the air outlet) must never be exceeded. If the air flow is interrupted or falls below the minimum, the tool must be simultaneously disconnected from the line/mains.**
- Use only LEISTER blowers for the air supply (pay attention to the direction of rotation and electrical connection).
- For use in a dusty environment the blower should be fitted with a LEISTER stainless steel filter on the air intake connection. Where a particularly critical dust problem exists (eg metal, electrically charged or damp dust) special filters must be used to avoid short circuiting the tool.
- The hot-air tool should only be supplied with air up to a max. 100°C.

## Operation

- Connect Labo 34 to the line/mains.
- The **power supply cord (4)** must have a corresponding cross-sectional area and should be fitted by a qualified electrician.
- As required, push-fit appropriate nozzle or reflector (see Caution).
- Make sure that the hot-air can flow freely, as heat accumulation can develop and possibly damage the hot-air tool (fire hazard).
- LEISTER Process Technologies as well as the authorized Sales and Service Centres, offer advice and introduction of the different applications free of charges (see page 1).
- To prevent heat accumulation: Cool down the tool after use (let cold air flow through it).

## CAUTION:

- \* *To protect tool and heating element, the air flow must never fall below the specified minimum (see technical data on page 2) by using nozzles or reflectors.*
- \* *The line/mains connection must have a suitable device to disconnect all poles from the line/mains with a 3 mm distance between contacts.*

## ACCESSORIES

- Use LEISTER accessories only.
- Let the tool cool down before changing the nozzle or reflector.

## SERVICE AND REPAIRS

- 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.

## GUARANTEE AND LIABILITY

- Guarantee and liability will be in accordance with the guarantee certificate as well as 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.**

**Your authorised Service Centre is:**