

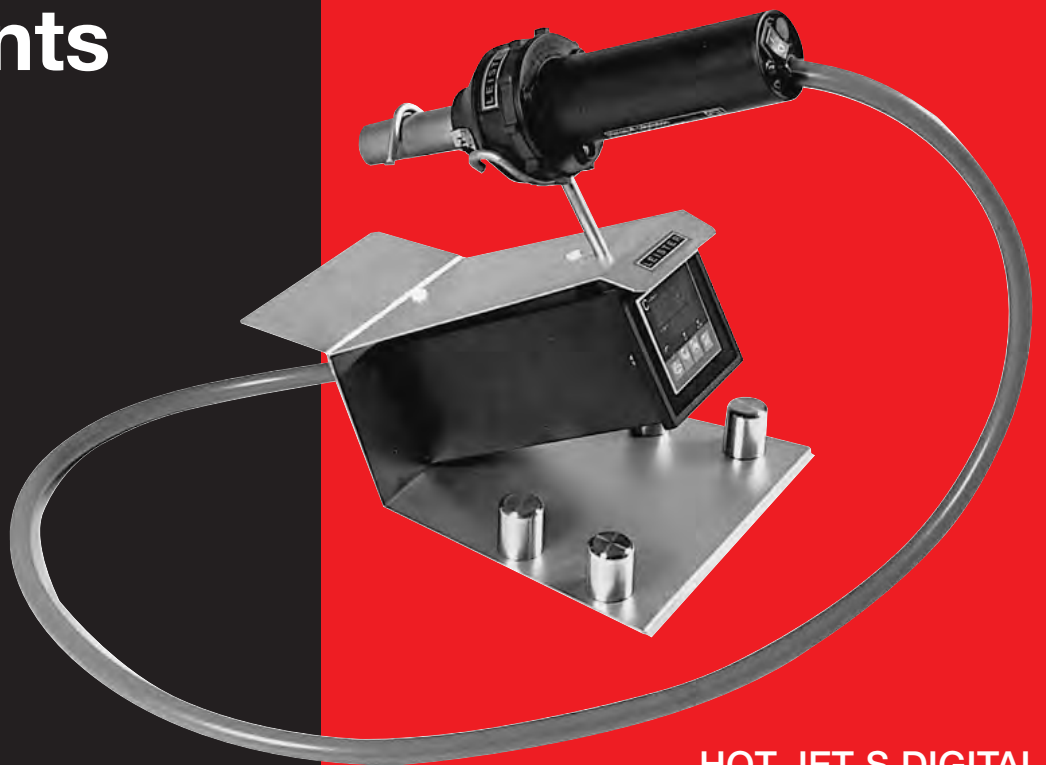
**LEISTER**

PLASTIC WELDING



HOT JET S

**Contactless  
soldering and  
de-soldering of  
SMD and  
thru-hole  
components**



HOT JET S DIGITAL

# Soldering and de-soldering with hand tool HOT JET S and HOT JET S DIGITAL: Done in seconds, precise, reliable and ESD-protected

Hand tool

## HOT JET S



- Worldwide the smallest hand tool
- Sufficient hot air supply is assured for fast de-soldering by means of the high heating capacity and air flow
- Air flow electronically steplessly adjustable from 20 to 80 l/min.
- The hot air stream can be adjusted as finely as necessary for de-soldering and soldering the smallest components
- Temperature electronically steplessly controlled from 20°C to 600°C
- Installation into machines and appliances is possible under certain conditions
- Safe handling by using the adjustable plastic stand which can be easily removed
- Pleasant to work with because of the emission level of only 59 L<sub>pA</sub>(dB)
- Connection of an ESD-lead to the standard size stud is possible
- Further applications: Shrinking and welding of plastics, polymerization of glassfibre light-conductor connections

### Technical Data

Voltage	V~	100 120 230
Power consumption	W	460
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Air flow (20°C)	l/min	20 – 80
Pressure static	Pa	max. 1600 (16 mbar)
Noise emission level L <sub>pA</sub>	dB	59
Size (L x Ø)	mm	235 x 70, handle Ø 40
Weight	kg	0.6 (with 3 m cord)
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class II		□

Hand tool

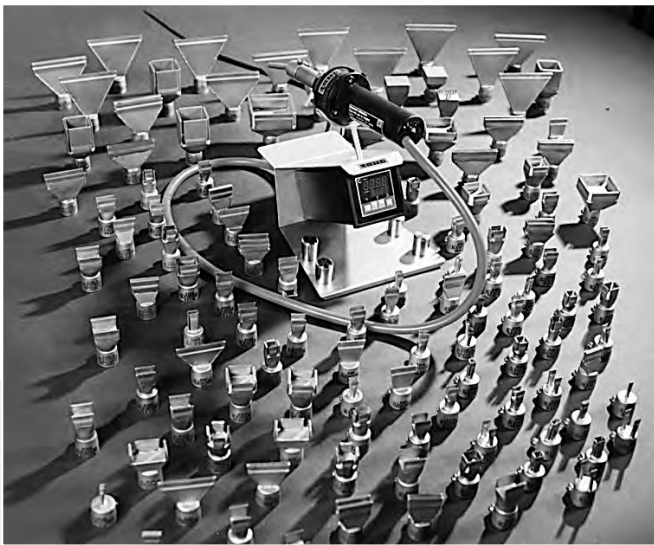
## HOT JET S DIGITAL



- Temperature control by means of thermocouple
- Enhanced stability and very quickly balanced through PID control
- Simultaneous digital display of actual and set value
- Precise temperature and control +/- 1°C
- Reproducible soldering and de-soldering processes
- Air flow electronically adjustable
- Within EMV standard
- ESD connection facility
- Userfriendly tool stand
- Fireproof holder for nozzles
- Over 800 different de-soldering nozzles
- Further applications: Shrinking and welding of plastics, polymerization of glassfibre light-conductor connections

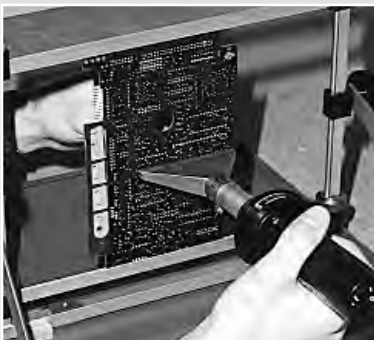
### Technical Data

Voltage	V~	100 120 230
Power consumption	W	460
Frequency	Hz	50 / 60
Temperature	°C	20 – 500
Air flow	l/min	20 – 80
Pressure static	Pa	max. 1600 (16 mbar)
Noise emission level L <sub>pA</sub>	dB	59
Size (L x Ø)	mm	245 x 180 x 200, handle Ø 40
Weight	kg	2.1 (with 3 m cord)
Marking of conformity		CE
Protection class II		□



We supply special nozzles according to customer requirements world-wide within 2 – 3 weeks on submission of drawings or components with circuit board.

Changing nozzles is done quickly and easily by push-fitting required nozzles onto the tapered refined steel tube on the LEISTER tool.



De-soldering a large PIN-connector.



Removing excess solder with hot air and de-solder braid.



After positioning the SMD component it is then soldered in seconds.

### Hot air soldering station with PID control



There are available over 800 different standard and special nozzles for PLCC, LCCC, FPPLCC, QFP, TAB, BQFP, SO, SOL, TSOP, VSO, DIP, SIP, PIN-Grids.

Also, fine pitch components and PIN-Grids (PGA) can be contactlessly soldered without solder bridges.

Shrinking of heat shrink sleeves, -films, -tapes, -solder connections and -moulded parts. Drying of water-damp surfaces. Welding of thermoplastic materials.





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Leister Process Technologies is an **ISO 9001:2000** certified enterprise.

Specifications are subject to change without prior notice

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Our close worldwide network of more than 120 Sales and Service Centres in more than 60 countries.

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