

**HOT AIR TOOL HOT JET S AND HOT JET S DIGITAL**

**Soldering and de-soldering**

**Done in seconds • precise • reliable • ESD protected**



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



100 different standard size nozzles and more that 700  
Special nozzles for de-soldering available



- ◆ We can supply special nozzles according to your requirements within 2 –3 weeks from receipt of drawings or components with circuit board
- ◆ Changing nozzles is done quickly and easily by pushing required nozzle into the tapered refined steel tube on the tool

- ◆ Sufficient hot air supply is assured for fast de-soldering by means of the high capacity and air flow
- ◆ 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
- ◆ Air flow electronically steplessly adjustable from 20 to 80 l/min
- ◆ 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 LpA(dB)
- ◆ Connection of an ESD-lead to the standard size stud is possible
- ◆ Further applications: Shrinking and welding of plastics, polymerization of fiberglass light-conductor connections



100 different standard size nozzles and more than 700 special nozzles for de-soldering



Technical Data

**HOT JET S**

Voltage	V~ 100, 120, 230
Frequency	Hz 50/60
Capacity	W 460, 460, 460
Temperature	°C 20-600, steplessly controlled
Air flow	l/min 20-80, steplessly adjustable
Air pressure	mbar max. 16
Emission level	L <sub>pA</sub> (dB) 59
Weight	g 375 without cord 580 with 3m cord
Size	mm 235 x 70, handle Ø 40

Electrical safety: double insulated ☐

Technical Data

**HOT JET S DIGITAL**







Voltage	V~ 100, 120, 123
Frequency	Hz 50/60
Capacity	W 460, 460, 460
Temperature	°C 20-500 steplessly controlled
Air flow	l/min 20-80 steplessly adjustable
Air pressure	mbar max.16
Emission level	L <sub>pA</sub> (dB) 59
Weight	kg 2,1, soldering station 0,375 hand tool without cord
Size	mm 245 X 180 X 200, handle Ø 40







Electrical safety: double insulated ☐

Test marks



CCA certificated, CE

Order	Illustration (not to scale)	Description
<p>Old # 1</p> <p>100.859 100.648</p>		<p><b>Hot Jet S Hot Air Soldering Tool</b></p> <p>Temperature electronically steplessly controlled. Air flow electronically steplessly controlled</p> <p>120V, 100V 50/60 Hz 450W 230V 50/60 Hz 450W</p>
<p>Old # 1D</p> <p>100.472</p>		<p><b>Hot Jet S Digital Hot Air Soldering Station with PID Control</b></p> <p>Temperature electronically steplessly controlled. Air flow electronically steplessly controlled</p> <p>120 V, 100V 50/60 Hz 450W 230V 50/60 Hz 450W</p>
<p>Old # 7A1</p> <p>100.670</p>		<p><b>Labor S Hot Air Soldering Tool—including blower</b></p> <p>Temperature electronically steplessly controlled. Air flow electronically steplessly controlled</p> <p>100V 50/60 Hz 500W 120V 50/60 Hz 600W 230V 50/60 Hz 700W</p>
<p>Old # 63A1</p> <p>103.401</p>		<p><b>Tool Rest</b></p>
<p>Old # 31A4</p> <p>104.148</p>		<p><b>Soldering nozzle</b> 3x1.5 mm oval for contactless de-soldering and soldering with fine hot air jet</p>
<p>Old # 31C1</p> <p>107.151</p>		<p><b>Soldering nozzle</b> Ø 4mm for contactless de-soldering and soldering. Push fit on Hot Jet S, Labor S and Hot Jet S Digital</p>

Order #	Illustration (not to scale)	Description
Old #31D5A		<p><b>De-soldering nozzle</b> four sided for PLCC, LCCC, FPPLCC bevelled. Over 20 different nozzles for PLCC, LCCC and FPPLCC are available. Please inquire for a price quote.</p>
Old # 31D5		<p><b>De-soldering nozzle</b> four sided for QFP, TAB and BQFP Over 30 different nozzles for QFP, TAB and BQFP's are available. Please inquire for a price quote.</p>
Old # 31D6		<p><b>De-soldering nozzle</b> two-sided for SO, SOL, TSOP, VSO and DIP. Over 40 different nozzles for SO, SOL, TSOP, VSO and DIP are available. Please inquire for a price quote</p>
Old # 31D7		<p><b>De-soldering nozzle</b> straight line for SIP-housing and PIN connector. Standard nozzles for 25, 30, 50, 80 and 100 mm are available. Please inquire for a price quote.</p>
Old # 31D8		<p><b>De-soldering nozzle</b> for PIN-grids and socket. 4 standard sizes are available. Please inquire for a price quote</p>
NAF 3000		<p><b>Micro Pressure Regulator/filter</b> with gauge for clean air supply for Hot Air tool, Labor S</p> <p>Call <b>888 807 4030</b> for prices on all tools and accessories</p>