Shrinking

for industrial and military uses

- **Tubes**
  general purpose tubings, thin- and dualwall tubings, high temperature shrink tubes, adhesive lined heat shrinkable tubings
- **Electrical interconnect devices**
  solder sleeves, solder grips, crimp splices and -terminals, insulated terminals and disconnects
- **Moulded parts**
  heat-shrinkable moulded parts and wraparounds, caps, adapters, end caps, feedthroughs, transitions and connector boots
- **Tapes**
  shrink tapes, sealant strips
- **Miscellaneous**
  insulations, identification marker sleeves

TRIAC PID ⧈

The hot air tool for quality assurance

CE

Technical Data

Type	Triac PID	
Voltage	V~	42, 100, 120, 200, 230
Power consumption	W	1000, 1400, 1600, 1400, 1600
Frequency	Hz	50/60
Temperature	°C	50 – 600, steplessly controlled
Air flow	l/min.	max. 230
Pressure stat.	Pa	ca. 3000 (30 mbar), after ca. 24 h operating time
Emission level	L_{pA} (dB)	65
Size	mm	340 × 90, handle ø 56
Weight	kg	1.4 with 3 m cord
Approval mark:		CCA certified

- **Effortless shrinking thanks to light weight and smaller handle**
- **Reproducible shrinking results thanks to digital temperature display of SET and ACTUAL value**
- **Adaptor tube with heat protection**
- **Stepless electronic temperature control, therefore independent of voltage fluctuations and varying ambient temperature (PID control)**
- **Electronic heating element protection and automatic shut-off of the motor at minimal carbon level**
- **Multiple replace of carbon brushes possible, therefore suitable for continuous operation**

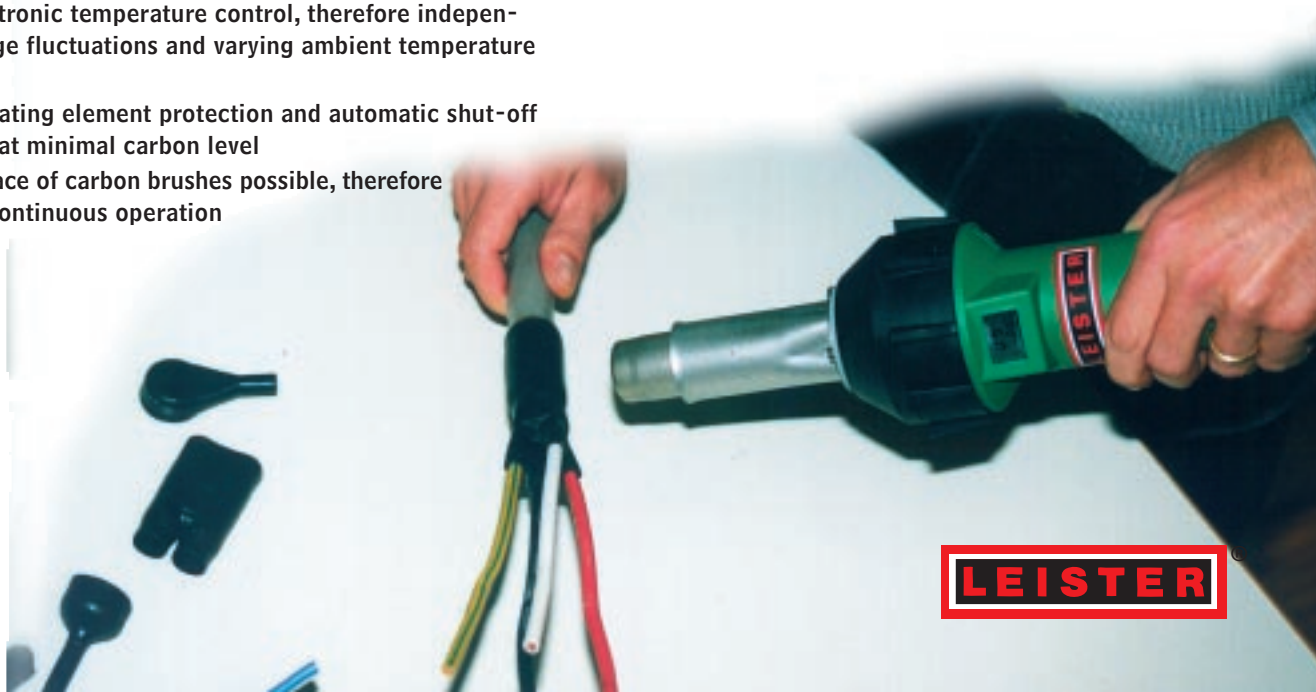
TRIAC S ⧈

The reliable hand-tool

CE

Technical Data

Type	Triac S	
Voltage	V~	42, 100, 120, 200, 230
Power consumption	W	1000, 1400, 1600, 1400, 1600
Frequency	Hz	50/60
Temperature	°C	20 – 700, steplessly controlled
Air flow	l/min.	max. 230
Pressure stat.	Pa	ca. 3000 (30 mbar), after ca. 24 h operating time
Emission level	L_{pA} (dB)	65
Size	mm	340 × 90, handle ø 56
Weight	kg	1.3 with 3 m cord
Approval mark:		CCA certified



HOT JET S ⧈

The lightest compact hand-tool

HOT JET S with sieve reflector being used to shrink solder sleeves.

Technical Data

Type	Hot Jet S	
Voltage	V~	100, 120, 230
Power consumption	W	460, 460, 460
Frequency	Hz	50/60
Temperature	°C	20 – 600, steplessly controlled
Air flow	l/min.	20 – 80, steplessly adjustable
Pressure stat.	Pa	max. 1600 (16 mbar)
Emission level	L_{pA} (dB)	59
Size	mm	235 × 70, handle ø 40
Weight	g	580 with 3 m cord
Approval mark:		CCA certified

GHIBLI ⧈

The universal tool

GHIBLI with sieve reflector for shrinking a PVC-tube.

Technical Data

Type	Ghibli	
Voltage	V~	100, 120, 200, 230
Power consumption	W	1500, 1500, 1500, 2000
Frequency	Hz	50 / 60
Temperature	°C	20 – 600, steplessly controlled
Air flow	l/min.	Level 2: 300
	l/min.	Level 3: 350
Pressure stat.	Pa	Level 2: 1500 (15 mbar)
	Pa	Level 3: 2100 (21 mbar)
Emission level	L_{pA} (dB)	65
Size	mm	195 × 85 × 160, handle ø 57
Weight	kg	1.2 with 3 m cord
Approval mark:		CCA certified

ELECTRON ⧈

Powerful but still small

CE

Technical Data

Type	Electron	
Voltage	V~	42, 120, 200, 230
Power consumption	W	1000, 2700, 3000, 2300/3400
Frequency	Hz	50/60
Temperature	°C	20 – 650, steplessly controlled
Air flow	l/min.	max. 500, manual air slide
Pressure stat.	Pa	3000 (30 mbar)
Emission level	L_{pA} (dB)	65
Size	mm	320 × 95, handle ø 64
Weight	kg	1.5 with 3 m cord
Approval mark:		

Shrinkwrapping of safety ropes with ELECTRON hot air blower.

FORTE S3 ⧈

The most powerful hot air tool

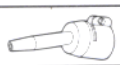
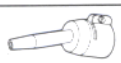
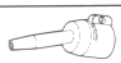
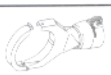
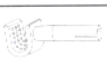
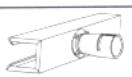
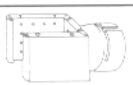
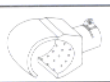
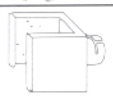
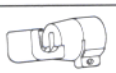
CE

Technical Data

Type	Forte S3	
Voltage	V~	3x230, 3x400, 3x440
Power consumption	kW	10 10 10
Frequency	Hz	50/60
Temperature	°C	650
Air flow	l/min.	1000
Pressure stat.	Pa	1200 (12 mbar)
Emission level	L_{pA} (dB)	76
Size	mm	390 × 215
Weight	kg	5.2 with 10 m cord
Approval mark:		CCA certified

Flamless shrinkwrapping of pallets and bulky items with FORTE S3 for transportation. Working in closed rooms possible.

Accessories for Shrinking

Order-Number	Illustration not to scale	
31		Standard nozzle Ø 5 mm. Push fit on Hot Jet S order no. 1.
31A		Standard nozzle Ø 5 mm. Push fit on Triac order no. 1G1/1G3.
31G		Standard nozzle Ø 5 mm. Push fit on Ghibli order no. 1P4.
37A		Wide slot nozzle 70x10 mm for concentrated jet of air. Push fit on Electron order no. 2A.
50B1		Soldering-spoon reflector 27x35 mm for shrinking of shrink tubings and moulded parts in PVC, PE, PTFE, FEP etc., soldering and shrinking of solder sleeves. Max. temperature 450°C. Push fit on Triac order no. 1G1/1G3.
50B3		Sieve reflector 34x50 mm for uniform shrinking of shrink tubings and moulded parts in PVC, PE, PTFE, FEP etc. Sodering and shrinking of solder sleeves. Max. temperature 450°C. Push fit on Ghibli order no. 1P4.
50B4		Sieve reflector 20x35 mm for uniform shrinking of shrink tubings and moulded parts in PVC, PE, PTFE, FEP etc. Sodering and shrinking of solder sleeves. Max. temperature 450°C. Push fit on Ghibli order no. 1P4.
50B5		Sieve reflector 20x35 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Hot-Jet «S» order no. 1.
50B6		Sieve reflector 34x50 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Hot-Jet «S» order no. 1.
50E		Spoon reflector 24x25 mm for shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Hot-Jet «S» order no. 1.
50P		Spoon reflector 27x35 mm for shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Ghibli order no. 1P4.
50R		Hinged reflector 70x12 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Ghibli order no. 1P4.
50S		Hinged reflector 84x14 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Ghibli order no. 1P4.
53B2		Sieve reflector Ø 10 mm for uniform soldering and shrinking of solder sleeves and shrinking of tubings in PVC, PE, PTFE and FEP etc. Push fit on standard nozzle Ø 5 mm order no. 31/31A/31G.
53B3		Spoon reflector 17x34 mm for uniform soldering and shrinking of solder sleeves. Push fit on Ghibli order no. 1P4.
54A		Shell reflector, 25x150 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Warming, bending and forming. Push fit on Triac order no. 1G1/1G3 and Diode order no. 7G1/7G3.
55		Sieve reflector 85x85 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Electron order no. 2A.
55A		Hinged reflector 65x75 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Electron order no. 2A.
55C		Hinged reflector Ø 125x22 mm for uniform shrinking of shrink tubings and moulded parts. Push fit on Electron order no. 2A.
55D		Hinged reflector Ø 70x70 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Electron order no. 2A.
56		Sieve reflector 130x130 mm for uniform shrinking of shrink tubings and moulded parts in PVC and PE. Push fit on Electron order no. 2A.
57		Sieve reflector 34x50 mm for uniform shrinking of shrink tubings and moulded parts in PVC, PE, PTFE and FEP etc. Max. temperature 450°C. Push fit on Triac order no. 1G1/1G3.
57B		Sieve reflector 20x35 mm for uniform shrinking of shrink tubings and moulded parts in PVC, PE, PTFE and FEP etc. Max. temperature 450°C. Push fit on Triac order no. 1G1/1G3.
57C		Spoon reflector 17x34 mm for uniform soldering and shrinking of solder sleeves. Push fit on Triac order no. 1G1/1G3.
59		Shell reflector 45x250 mm for uniform shrinking of shrink tubings in PVC and PE. Warming, bending and forming. Push fit on Electron order no. 2A.

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