



Vehicle repairs
with Leister.

Easy and
efficient.





Leister delivers performances.

Wherever you need to apply heat, Leister provides the ideal solution. We have been the worldwide leader in the field of plastic welding and hot-air blowers for over 50 years. For several years now we have also been offering innovative and effective laser systems and microsystems. We develop and produce all of our products in Switzerland - so you can always rely on the proverbial Leister quality. And because 98% of our production is exported, therefore, we have established a dense network of service centers throughout the world - guaranteeing excellent service anytime and anywhere.

Plastic welding

We have remained the worldwide market leader in this field for decades. The performance and reliability of our products make Leister the first choice for welding machines for plastic processing. Leister products are used in roof sealing systems, floor coverings, plastic sheeting, earthworks, hydraulic and tunnel engineering, process equipment manufacturing and for vehicle repair.

Process heat

Hot air is increasingly deployed in industrial processes, whether for activation, heating, curing, melting, shrinking, welding, sterilization, drying or warming. Certainly, Leister is the preferred choice. Our customers profit from our extensive engineering knowledge and our advice in the conceptual design of hot-air applications.

Laser systems

Our innovative solutions for precision plastic welding open up new manufacturing methods. Laser systems are used in automobile production, medical and sensor assembly, microsystems technology or for soldering electronic components. As the technological leader, Leister possesses the knowledge, methods, and patented concepts, which are perfectly suited to fulfil specific customer requirements.

Microsystems

In today's world the smallest structures play a huge roll. To keep our customers ahead of the field in the future, we are developing and producing micromechanical sensors and micro-optical components in our clean rooms today.

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

Cars are repaired in record time with Leister.

Repair welding and moulding of bumpers, spoilers, air conditioning systems, heater units and fluid containers is child's play with the reliable manual welding machines from Leister. Heat shrink tubing and solder sleeve shrinking of electrical connections is also faster and more precise with Leister. Seized bearings, screws and gear wheels are easily loosened with hot air without damaging the components. Even under sealant is removed without damage or smoke generation.

Hand tool

TRIAC PID

Thanks to micro-processor controlled temperature and electronic monitoring. The preferred hand tool for welding with high quality.



- Reproducible results thanks to digital display of set and actual temperature
- Welding results independent of voltage fluctuations and ambient temperature
- Adaptor tube with heat protection
- Electronic heating element protection
- Motor shut-off at minimal carbon level
- Suitable for continuous operation
- Multiple replacement of carbon brushes possible

Technical Data						
Voltage	V~	42	100	120	200	230
Power consumption	W	1000	1400	1600	1400	1600
Frequency	Hz	50 / 60				
Temperature	°C	50 – 600				
Air flow (20°C)	l/min	230				
Pressure static	Pa	ca. 3000 (30 mbar)				
Noise emission level L _{pA}	dB	65				
Size (L × Ø)	mm	340 × 90, handle Ø 56				
Weight	kg	1.4 (with 3 m cord)				
Marking of conformity		CE				
Approval mark		S				
Certification scheme		CCA				
Protection class II		□				

Hand tool

TRIAC S

TRIAC S: the reliable, cost-effective and proven hand tool with steplessly controlled temperature range.



- Adaptor tube with heat protection
- Electronic heating element protection
- Motor shut-off at minimal carbon level
- Multiple replacement of carbon brushes possible
- Suitable for continuous operation

Technical Data						
Voltage	V~	42	100	120	200	230
Power consumption	W	1000	1400	1600	1400	1600
Frequency	Hz	50 / 60				
Temperature	°C	20 – 700				
Air flow (20°C)	l/min	230				
Pressure static	Pa	ca. 3000 (30 mbar)				
Noise emission level L _{pA}	dB	65				
Size (L × Ø)	mm	340 × 90, handle Ø 56				
Weight	kg	1.4 (with 3 m cord)				
Marking of conformity		CE				
Approval mark		S				
Certification scheme		CCA				
Protection class II		□				

Hand tool

HOT JET S

The most compact hand tool from Leister: HOT JET S' low weight of just 600 grams, incl. cord and slim handle, ensures fatigue-free welding and high power.



- Worldwide the smallest hand tool
- Electronic steplessly controlled temperature
- Electronic steplessly controlled air flow
- Electronic heating element protection
- Low noise
- Integrated flexible tool stand

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 _{pA}	dB	59	
Size (L × Ø)	mm	235 × 70, handle Ø 40	
Weight	kg	0.6 (with 3 m cord)	
Marking of conformity		CE	
Approval mark		S	
Certification scheme		CCA	
Protection class II		□	

Hand tool

GHIBLI

Derived from a hot desert wind – GHIBLI certainly lives up to its name! Thanks to two-step airflow switching and steplessly adjustable temperature, it can be used for the most diverse applications.



- Universal tool for welding and shrinking
- Welding results independent of voltage fluctuations and ambient temperature
- Two-step selectable air flow
- Extensive range of accessories

Technical Data			
Voltage	V~	100	120 230
Power consumption	W	1500	1500 2000
Frequency	Hz	50 / 60	
Temperature	°C	20 – 600	
Air flow (20°C)	l/min	Level 2: 300, Level 3: 350	
Pressure static	Pa	Level 2: 1500 (15 mbar) Level 3: 2100 (21 mbar)	
Noise emission level L _{pA}	dB	65	
Size (L × W × H)	mm	195 × 85 × 160, handle Ø 57	
Weight	kg	1.25 (with 3 m cord)	
Marking of conformity		CE	
Approval mark		S	
Certification scheme		CCA	
Protection class II		□	



Acceleration of the drying process of varnish, paint and filler with the ELECTRON.



Thanks to TRIAC PID's stepless electronic temperature control, awkward repairs can also be performed on plastic parts in next to no time.



HOT JET S with sieve reflector for solder shrinking an electric cable.

Hand tool

ELECTRON

The powerful, and yet small and versatile. Leister ELECTRON is a hand tool, perfect for the specialist.

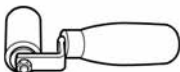
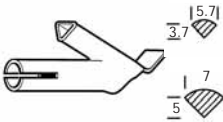












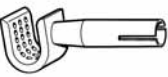





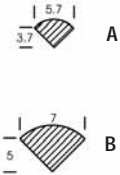



- Powerful
- Compact
- Robust
- Construction site tried and tested

Technical Data

Voltage	V~	42	120	200	230	230
Power consumption	W	1000	2700	3000	2300	3400
Frequency	Hz	50 / 60				
Temperature	°C	20 – 650				
Air flow (20°C)	l/min	320, manual air slide				
Pressure static	Pa	3000 (30 mbar)				
Noise emission level L _{pA}	dB	65				
Size (L x Ø)	mm	320 x 95, handle Ø 64				
Weight	kg	1.5 (with 3 m cord)				
Marking of conformity		CE				
Approval mark		S				
Certification scheme		CCA				
Protection class II		□				

Accessories for Car Repair

106.975		One-arm pressure roller 40 mm, with ball bearings (silicon)			
106.992		Speed welding nozzle 5.7 mm, push-fit on tubular nozzle Ø 5 mm			
106.993		Speed welding nozzle 7 mm, push-fit on tubular nozzle Ø 5 mm			
106.996		Tacking nozzle, push-fit on tubular nozzle Ø 5mm			
106.997		Rotary burr Ø 6 mm			
106.998		Wide slot nozzle 20 mm, push-fit > GIBLI			
107.123		Wide slot nozzle 20 mm, push-fit > TRIAC PID > TRIAC S			
107.137		Speed welding nozzle for tape 8 mm, push-fit on tubular nozzle Ø 5mm			
107.142		Wide slot nozzle 20 mm, push-fit > HOT JET S			
107.144		Tubular nozzle Ø 5 mm, push-fit > HOT JET S			
100.303		Tubular nozzle Ø 5 mm, push-fit > TRIAC PID > TRIAC S			
107.154		Tubular nozzle Ø 5 mm, push-fit > GIBLI			
107.258		Wide slot nozzle 70 × 10 mm, push-fit > ELECTRON			
107.310		Sieve reflector 35 × 20 mm, push-fit > HOT JET S			
107.311		Sieve reflector 50 × 35 mm, push-fit > HOT JET S			
107.324		Sieve reflector 12 × 10 mm, push-fit on tubular nozzle Ø 5mm			
107.337		Sieve reflector 50 × 35 mm, push-fit > TRIAC PID > TRIAC S			
107.338		Sieve reflector 35 × 20 mm, push-fit > TRIAC PID > TRIAC S			
106.654		Welding tape Xenoy, 8 × 2 mm, grey			
106.649		Welding tape PP, 8 × 2 mm, natur			
107.036		Test bundle car body welding rod			
Profiles		Endless profiled welding rod PVC-U (grey), PVC-P (transparent), PE-HD(black), PE-LD (black), PP (beige), ABS (white)			
Profile		Endless profiled welding rod PC (transparent), PA (black), POM (nature), PC (xenoy grey), ABS (black)			

Technical data are subject to change without notice.
Nozzles are not included to the hand tools.



Headquarters:

Leister Process Technologies
Riedstrasse
6060 Sarnen/Switzerland
phone: +41 41 662 74 74
fax: +41 41 662 74 16
leister@leister.com

China:

Leister Technologies Ltd.
Building A, 1588 Zhuanxing Road
Shanghai 201 108 PRC
phone: +86 21 6442 2398
fax: +86 21 6442 2338
leister@leister.cn



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