



Heat Guns



Handheld Devices for General Solutions



Leister Brand Products

Quality for Reliability

With innovative ideas and extensive application knowledge, we develop modules, devices and machines for the world market. Our focus is always on functionality, ergonomics and attractive design. Our consistent process and quality management from the product idea to the end of the service life of our products ensures the Leister quality that has been known for decades and meets the highest demands. Leister stands for performance in premium products – around the clock and around the globe.

We know how.

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Leister - Global Leader in Plastics Processing

Experienced engineers, product managers and specialists from ISO-9001-certified Leister in Switzerland develop products and systems for plastic welding applications and for generating industrial process heat. Based on innovative technologies - including hot air, contact heat, extrusion, and infrared - and our passion for customized solutions, we are able to significantly influence our market segment and set high standards worldwide.

Leister is characterized by products featuring a wide range of technologies for processing plastics and designed for a broad spectrum of applications. We develop and produce application-specific products, including accessories, for welding, shrinking, forming, heating and joining plastics in our business areas of plastic welding and industrial application.

Plastic Welding

The Leister product range for plastic welding includes hot-air hand tools, extruders and welding machines, including comprehensive accessories for craftsmen and industry. With over 75 years of experience, we offer you products and services that set standards in your respective areas of expertise.

Industrial Application

Leister offers two technologies for the industrial sector: Hot air and infrared. This means that we cover the majority of industrial process heat and plastic joining applications. You will find the right solution for your challenge in our wide range of products.

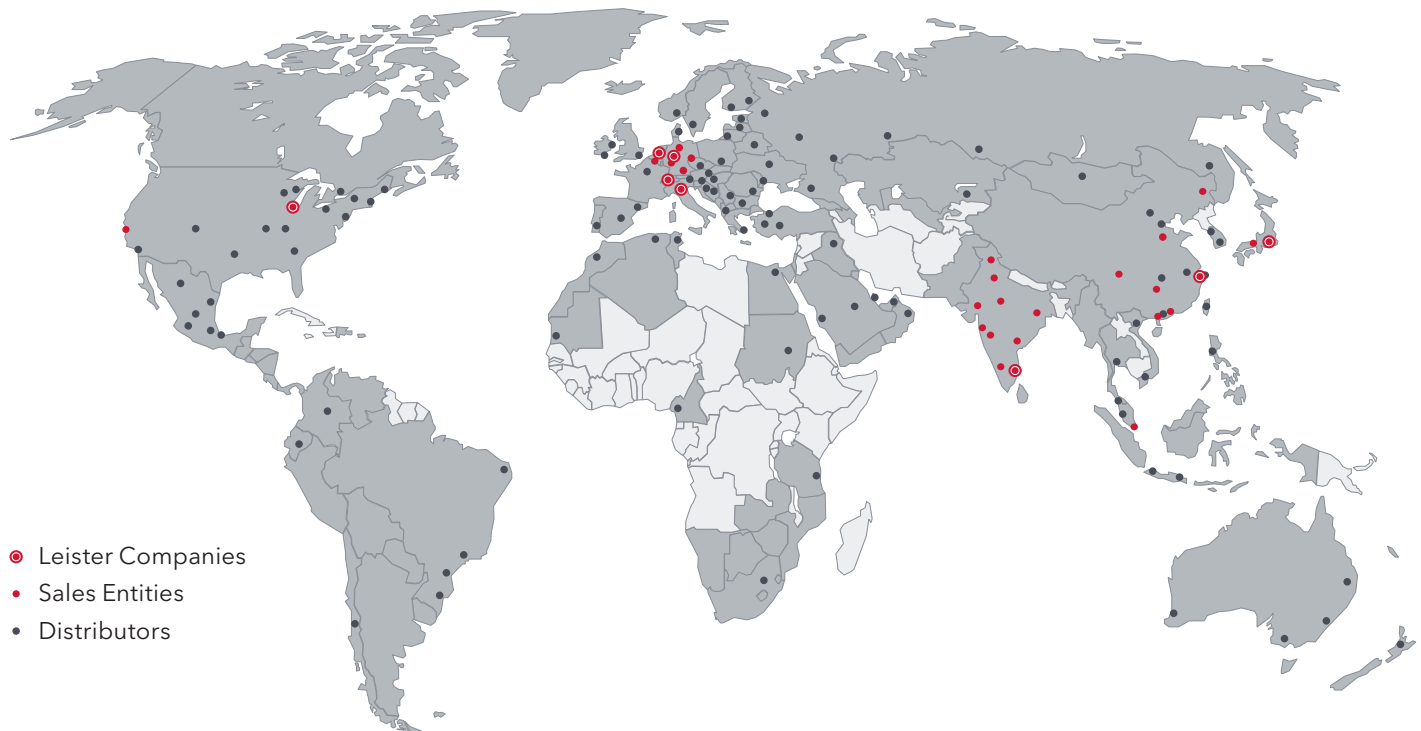


Global Presence and Customer Proximity

Our worldwide sales and service network, with 130 sales and service points for Leister products, ensures presence and proximity on all continents.

For decades, we have enjoyed close customer relationships through our global presence with eight country subsidiaries and our close network of local sales and service partners. Additionally, you can find Leister products in our online shops.

Our sales and service partners regularly participate in training courses for applications, products and repairs and are certified accordingly. This way, we guarantee our customers competent service worldwide in accordance with our high standards. Modern logistics hubs, as well as equipment and spare parts warehouses in all countries with a Leister representative, ensure deliveries worldwide.



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TRIAC AT



The TRIAC AT heat gun is designed to weld and mold plastic. The temperature and air quantity can be set separately by means of its e-Drive control unit.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500-1600 W	
Temperature	40-620 °C	104-1148 °F
Temperature setting stepless	Yes	
Airflow (20°C)	120-240 l/min	4.23-8.47 cfm
Stepless air volume adjustment	Yes	
Static pressure	3000 Pa	0.43 psi
Eco-Mode	Yes	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	335 mm	13.18 in
Device diameter	90 mm	3.54 in
Handle diameter	56 mm	2.2 in
Weight	1.02 kg	2.24 lb
Power cable length	3 m	9.84 ft
Noise emission level	67 dB (A)	
Approvals	CE; KC; S+; cULus	
Protection class	II	
Country of origin	Switzerland	

Product items

TRIAC AT, 230V/1600W, EU plug	141.314
TRIAC AT, 120V/1600W, US plug	141.316
TRIAC AT, 100V/1500W, JP plug	141.317
TRIAC AT, 120V/1600W, CEE 3/16	141.319
TRIAC AT, 230V/1600W, UK plug	141.320
TRIAC AT, 230V/1600W, AU plug	141.321
TRIAC AT, 230V/1600W, CH plug	141.322
TRIAC AT, 230V/1600W, CN plug	141.323
TRIAC AT, 230V/1600W, M14, EU plug	142.737
TRIAC AT, 220V/1600W, KR plug	148.005



Configure
product

TRIAC ST



The TRIAC ST is a robust, universally versatile heat gun for welding plastic membranes, and shrinking and molding various thermoplastics.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500-1600 W	
Temperature	40-700 °C	104-1292 °F
Temperature setting stepless	Yes	
Airflow (20°C)	240 l/min	8.47 cfm
Stepless air volume adjustment	Yes	
Static pressure	3000 Pa	0.43 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	338 mm	13.3 in
Device diameter	90 mm	3.54 in
Handle diameter	56 mm	2.2 in
Weight	0.99 kg	2.18 lb
Power cable length	3 m	9.84 ft
Noise emission level	67 dB (A)	
Approvals	CE; KC; S+; cULus	
Protection class	II	
Country of origin	Switzerland	

Product items

TRIAC ST, 230V/1600W, EU plug	141.227
TRIAC ST, 120V/1600W, US plug	141.228
TRIAC ST, 100V/1500W, JP plug	141.230
TRIAC ST, 120V/1600W, CEE 3/16	141.308
TRIAC ST, 230V/1600W, UK plug	141.309
TRIAC ST, 230V/1600W, AU plug	141.310
TRIAC ST, 230V/1600W, CH plug	141.311
TRIAC ST, 230V/1600W, CN plug	141.312
TRIAC ST, 230V/1600W, M14, EU plug	144.013
TRIAC ST, 220V/1600W, KR plug	153.891



Configure
product

Nozzles



107.132
Wide slot nozzle (ø 31.5) 40 x 2 mm



107.123
Wide slot nozzle (ø 31.5) 20 x 2 mm



107.130
Wide slot nozzle (ø 31.5) 40 x 2 mm



107.125
Wide slot nozzle (ø 31.5) 20 x 2 mm



105.503
Wide slot nozzle (ø 31.5) 20 x 2 mm



107.124
Wide slot nozzle (ø 31.5) 20 x 2 mm



105.487
Wide slot nozzle (ø 31.5) 20 x 2 mm



107.131
Wide slot nozzle (ø 31.5) 80 x 2 mm



100.303
Tubular nozzle (ø 31.5) ø 5 mm, 37 mm



105.433
Speed welding nozzle (ø 8.0) Profile D ø 5



105.432
Speed welding nozzle (ø 8.0) Profile D ø 4



105.431
Speed welding nozzle (ø 8.0) Profile D ø 3



159.848
Speed welding nozzle (ø 8.0) Profile D ø 5



165.937
Smoothing nozzle (ø 8.0)



106.996
Tacking nozzle (ø 8.0)



106.991
Speed welding nozzle (ø 8.0) Profile D ø 5



106.992
Speed welding nozzle (ø 8.0) Profile A 90-5.7



106.993
Speed welding nozzle (ø 8.0) Profile B 70-7



107.137
Speed welding nozzle (ø 8.0) Profile C 8x2



143.833
Nozzle adapter (ø 31.5) to M14



106.988
Tacking nozzle (M14)



113.666
Drawing nozzle (M14) Profile D ø3



113.399
Drawing nozzle (M14) Profile D ø4



113.670
Drawing nozzle (M14) Profile A 90-5.7

ELECTRON ST



With a power of 3400 Watts, the ELECTRON ST is an especially strong heat gun. Well-suited for professional welding of modified bitumen and thermoplastics with high material strength.

Technical data

Voltage	120 V; 200 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	2300-3400 W	
Temperature	40-650 °C	104-1202 °F
Temperature setting stepless	Yes	
Airflow (20°C)	360 l/min	12.71 cfm
Stepless air volume adjustment	No	
Static pressure	3400 Pa	0.49 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	50 mm / 2 in	
Length	338 mm	13.3 in
Device diameter	90 mm	3.54 in
Handle diameter	56 mm	2.2 in
Weight	1.18 kg	2.6 lb
Power cable length	3 m	9.84 ft
Noise emission level	67 dB (A)	
Approvals	CE; KC; S+	
Protection class	II	
Country of origin	Switzerland	

Product items

ELECTRON ST, 120V/2400W, US plug	145.562
ELECTRON ST, 120V/2400W, CEE 3/32	145.563
ELECTRON ST, 200V/3000W, JP plug	145.564
ELECTRON ST, 230V/3400W, AU plug	145.565
ELECTRON ST, 230V/3400W, CN plug	145.566
ELECTRON ST, 230V/3400W, EU plug	145.567
ELECTRON ST, 230V/3400W, CEE 3/16	145.568
ELECTRON ST, 230V/3400W, w/o plug	145.574
ELECTRON ST, 230V/3400W, CH plug	146.370
ELECTRON ST, 230V/2300W, EU plug	149.673
ELECTRON ST, 220V/3400W, KR plug	154.839

Nozzles



107.266
Wide slot nozzle (ø 50.0) 75 x 2 mm



142.281
Wide slot nozzle (ø 50.0) 74 x 3 mm



107.258
Wide slot nozzle (ø 50.0) 70 x 10 mm



107.270
Wide slot nozzle (ø 50.0) 150 x 12 mm



107.134
Wide slot nozzle (ø 50.0) 40 x 2 mm

Machine specific accessories



151.068
Stand ELECTRON ST



**Configure
product**

General accessories can be found from page 26.

HOT JET A



The HOT JET A is a compact, powerful hot-air welding device with closed-loop temperature control, proven Leister features, and high durability. Available in two power variants for versatile applications.

Technical data	HOT JET 500 A	
Voltage	230 V	
Frequency	50/60 Hz	
Power	1050 W	
Temperature	60–550 °C	140–1022 °F
Temperature setting stepless	Yes	
Airflow (20°C)	95–150 l/min	3.35–5.29 cfm
Stepless air volume adjustment	Yes	
Static pressure	2200 Pa	0.31 psi
Eco-Mode	Yes	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in	
Length	277 mm	10.9 in
Device diameter	68 mm	3.22 in
Handle diameter	45 mm	1.92 in
Power cable length	3 m	9.84 ft
Plug	EU, 2 poles, 16A	
Approvals	CE	
Protection class	II	
Country of origin	Switzerland	

Technical data	HOT JET 302 A	
Power	600 W	
Airflow (20°C)	40–95 l/min	1.41–3.35 cfm
Static pressure	2000 Pa	0.29 psi
Nozzle connection ø	21.3 mm / 0.85 in	

Product items

HOT JET 500 A, 230V/1050W, EU plug	144.590
HOT JET 500 A, 230V/1050W, CH plug	144.591
HOT JET 500 A, 230V/1050W, AU plug	144.592
HOT JET 500 A, 230V/1050W, CN plug	144.593
HOT JET 500 A, 120V/1050W, US plug	144.594
HOT JET 500 A, 100V/1050W, JP plug	144.595
HOT JET 302 A, 230V/600W, EU plug	144.603
HOT JET 302 A, 230V/600W, CH plug	144.604
HOT JET 302 A, 230V/600W, AU plug	144.605
HOT JET 302 A, 230V/600W, CN plug	144.607
HOT JET 302 A, 120V/600W, US plug	144.608
HOT JET 302 A, 100V/500W, JP plug	144.609



**Configure
product**

Nozzles HOT JET 500 A



107.123
Wide slot nozzle (ø 31.5) 20 x 2 mm



107.124
Wide slot nozzle (ø 31.5) 20 x 2 mm



100.303
Tubular nozzle (ø 31.5) ø 5 mm, 37 mm



159.848
Speed welding nozzle (ø 8.0) Profile D ø 5



106.992
Speed welding nozzle (ø 8.0) Profile A 90-5.7



143.833
Nozzle adapter (ø 31.5) to M14



113.670
Drawing nozzle (M14) Profile A 90-5.7

Nozzles HOT JET 302 A



107.144
Tubular nozzle (ø 21.3) ø 5 mm, 41 mm



107.148
Solder nozzle (ø 21.3) 3 x 1.5 mm



107.310
Sieve reflector (ø 21.3) 35 x 20 mm

General accessories can be found from page 26.

NEXHEAT 300 A-LP



The NEXHEAT 300 A-LP Cordless Heating Blower with adjustable temperature (50-500 °C/122-932 °F) and air volume is ideal for repairs and detailed work. Mobile and battery-powered – perfect for construction and industry.

Technical data		
Voltage battery	18 V	
Battery capacity	144 Wh	
Power	600 W	
Temperature	50-500 °C	122-932 °F
Temperature setting stepless	Yes	
Airflow (20°C)	50-150 l/min	1.76-5.29 cfm
Stepless air volume adjustment	Yes	
Eco-Mode	No	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Battery operation	Yes	
Battery included	No	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	178 mm	7 in
Width	72 mm	2.83 in
Handle diameter	33 mm	1.29 in
Noise emission level	< 67 dB (A)	
Approvals	CE	
Country of origin	Switzerland	

Product items		
NEXHEAT 300 A-LP, 18V/600W, EU	179.254	
NEXHEAT 300 A-LP, 18V/600W, US	179.256	



NEXHEAT 300 A-LP Overlap welding kit



The NEXHEAT 300 A-LP battery hot-air blower in the kit offers 50-500 °C (122-932 °F) adjustable temperature, five air levels and wireless freedom. Ideal for plastic welding – mobile, efficient and perfect for industry and construction site.

Technical data		
Temperature	50-500 °C	122-932 °F
Temperature setting stepless	Yes	
Airflow (20°C)	50-150 l/min	1.76-5.29 cfm
Stepless air volume adjustment	Yes	
Eco-Mode	No	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Battery operation	Yes	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	178 mm	7 in
Width	72 mm	2.83 in
Handle diameter	33 mm	1.29 in
Noise emission level	< 67 dB (A)	
Approvals	CE	
Country of origin	Switzerland	

Product items		
NEXHEAT 300 A-LP, 18V/600W, Overlap welding kit, EU/CH plug	179.255	
NEXHEAT 300 A-LP, 18V/600W, Overlap welding kit, US plug	179.257	

The Overlap welding kit is only available in Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Netherlands, Norway, Poland, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United States.



Nozzles



106.999
Wide slot nozzle (ø 36.5) 40 x 2 mm



106.998
Wide slot nozzle (ø 36.5) 20 x 2 mm



142.303
Tubular nozzle (ø 36.5) ø 5 mm, 37 mm



105.433
Speed welding nozzle (ø 8.0) Profile D ø 5

Machine specific accessories



179.259
Tool case





SOLANO AT



The SOLANO AT is the first digital heat gun that supports real temperature calibration in connection with the myLeister app (iOS, Android, Windows), regardless of any attached nozzle. The Eco-Mode helps to reduce electricity costs.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500-2300 W	
Temperature	50-650 °C	122-1202 °F
Temperature setting stepless	Yes	
Airflow (20°C)	210-350 l/min	7.41-12.36 cfm
Stepless air volume adjustment	Yes	
Static pressure	2300 Pa	0.33 psi
Eco-Mode	Yes	
Display	Yes	
e-Drive	No	
Outdoor use	No	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	270 mm	10.62 in
Width	75 mm	2.95 in
Handle diameter	45 mm	1.77 in
Weight	0.75 kg	1.65 lb
Power cable length	3 m	9.84 ft
Noise emission level	< 65 dB(A)	
Approvals	CE; KC; S+; UL	
Protection class	II	
Country of origin	Switzerland	

Product items

SOLANO AT, 230V/2300W, EU plug	162.263
SOLANO AT, 230V/2300W, CH plug	162.265
SOLANO AT, 230V/2300W, UK plug	162.267
SOLANO AT, 230V/2300W, AU plug	162.269
SOLANO AT, 220V/2100W, KR plug	162.271
SOLANO AT, 120V/1800W, US plug	162.273
SOLANO AT, 100V/1500W, JP plug	162.275
SOLANO AT, 230V/2300W, CN plug	162.277



**Configure
product**

Nozzles



107.154
Tubular nozzle (ø 36.5) ø 5 mm, 41 mm



105.819
Tubular nozzle (ø 36.5) ø 5 mm, 45 mm



105.455
Tubular nozzle (ø 36.5) ø 9 mm, 102 mm



107.309
Sieve reflector (ø 36.5) 35 x 20 mm



107.308
Sieve reflector (ø 36.5) 50 x 34 mm



107.319
Sieve reflector (ø 36.5) ø 65 mm



107.314
Spoon reflector (ø 36.5) 33 x 27 mm



173.629
Solder reflector (ø 36.5) 13 x 5 x 14 mm



107.324
Sieve reflector (ø 8.0) 13 x 10 mm

Machine specific accessories



158.784
Device and calibration stand SOLANO AT



147.222
Heat protection device

General accessories can be found from page 26.

GHIBLI



The Ghibli is a universal heat gun suited for numerous industrial applications. For example, cable shrinking in the electronics industry and for plastic processing in orthopedics.

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	2000 W	
Temperature	20-600 °C	68-1112 °F
Temperature setting stepless	Yes	
Airflow (20°C)	300-350 l/min	10.59-12.36 cfm
Stepless air volume adjustment	Yes	
Static pressure	1500-2100 Pa	0.21-0.3 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	195 mm	7.67 in
Width	85 mm	3.34 in
Handle diameter	57 mm	2.24 in
Weight	1.2 kg	2.64 lb
Power cable length	3 m	9.84 ft
Noise emission level	70 dB (A)	
Approvals	CE	
Protection class	II	
Country of origin	Switzerland	

Product items

GHIBLI, 230V/2000W, EU plug	101.881
GHIBLI, 230V/2000W, CH plug	101.882
GHIBLI, 230V/2000W, AU plug	101.883



Configure
product

GHIBLI AW



The robust and ergonomically formed Ghibli AW heat gun is designed for shrinking cables, heating and forming plastic parts in the auto industry and for overlap welding truck tarpaulins.

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500-2300 W	
Temperature	65-620 °C	149-1148 °F
Temperature setting stepless	Yes	
Airflow (20°C)	140-250 l/min	4.94-8.82 cfm
Stepless air volume adjustment	Yes	
Static pressure	3200 Pa	0.46 psi
Eco-Mode	No	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	280 mm	11.02 in
Width	90 mm	3.54 in
Handle diameter	45 mm	1.77 in
Weight	1.18 kg	2.6 lb
Power cable length	3 m	9.84 ft
Noise emission level	67 dB (A)	
Approvals	CE	
Protection class	II	
Country of origin	Switzerland	

Product items

GHIBLI AW, 230V/2300W, EU plug	148.061
GHIBLI AW, 120V/1800W, US plug	148.078
GHIBLI AW, 100V/1500W, JP plug	148.079
GHIBLI AW, 230V/2300W, UK plug	150.168
GHIBLI AW, 230V/2300W, CH plug	150.169
GHIBLI AW, 120V/1800W, CEE 3/16	150.170



Configure
product

Nozzles



106.999
Wide slot nozzle (ø 36.5) 40 x 2 mm



106.998
Wide slot nozzle (ø 36.5) 20 x 2 mm



107.261
Wide slot nozzle (ø 36.5) 70 x 4 mm



107.309
Sieve reflector (ø 36.5) 35 x 20 mm



173.629
Solder reflector (ø 36.5) 13 x 5 x 14 mm



107.308
Sieve reflector (ø 36.5) 50 x 34 mm



107.313
Spoon reflector (ø 36.5) 33 x 27 mm



FORTE S3



Leister’s most powerful heat gun, FORTE S3, facilitates flame-free, safe film shrinking and hood shrinking for packaged goods on pallets.

Nozzles



107.274
Wide slot nozzle (ø 92.0) 130 x 16 mm

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	10000 W	
Temperature	650 °C	1202 °F
Temperature setting stepless	No	
Airflow (20°C)	1000 l/min	35.31 cfm
Stepless air volume adjustment	No	
Static pressure	1200 Pa	0.17 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	92 mm / 3.6 in	
Length	390 mm	15.35 in
Device diameter	132 mm	5.19 in
Handle diameter	84 mm	3.3 in
Weight	3.4 kg	7.49 lb
Power cable length	10 m	32.8 ft
Noise emission level	74 dB (A)	
Approvals	CE; S+	
Protection class	II	
Country of origin	Switzerland	

Product items

FORTE S3, 3 x 400V/10kW, CEE 5/16	102.027
FORTE S3, 3 x 230V/10kW, CEE 5/32	102.030



Configure
product

General accessories can be found from page 26.

DIODE S



Thanks to the air hose connection for an external Leister blower like MINOR, ROBUST or AIRSTREAM, the DIODE S welding device is particularly easy and convenient to use. Ideal for mobile installation use.

Technical data

Voltage	120 V; 200 V; 230 V	
Frequency	50/60 Hz	
Power	1400-2000 W	
Temperature	20-600 °C	68-1112 °F
Temperature setting stepless	Yes	
Display	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	265 mm	10.43 in
Device diameter	57 mm	2.24 in
Handle diameter	40 mm	1.57 in
Weight	0.46 kg	1.01 lb
Power cable length	3 m	9.84 ft
Approvals	CB Certification; CE; UKCA	
Protection class	II	
Country of origin	Switzerland	

Product items

DIODE S, 230V/2000W, EU plug	101.279
DIODE S, 230V/2000W, M14, EU plug	101.280
DIODE S, 230V/1600W, EU plug	101.281
DIODE S, 230V/1600W, M14, EU plug	101.282
DIODE S, 230V/1600W, CH plug	101.283
DIODE S, 200V/1400W, w/o plug	101.289
DIODE S, 120V/1600W, US plug	101.291
DIODE S, 120V/1600W, M14, US plug	101.292
DIODE S, 230V/1600W, CN plug	135.971
DIODE S, 230V/1600W, M14, CN plug	177.270



Configure
product

LABOR S



The small and handy hot air tool LABOR S is suitable for particularly demanding work such as soldering, shrinking, plastic welding in confined spaces, and restoration of art works and antiques.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	600-800 W	
Temperature	20-600 °C	68-1112 °F
Temperature setting stepless	Yes	
Display	No	
Outdoor use	Yes	
Nozzle connection ø	21.3 mm / 0.85 in	
Length	180 mm	7.08 in
Device diameter	40 mm	1.57 in
Handle diameter	32 mm	1.25 in
Weight	0.18 kg	0.39 lb
Power cable length	3 m	9.84 ft
Approvals	CE	
Protection class	II	
Country of origin	Switzerland	

Product items

LABOR S, 230V/800W, junction box, EU plug	101.716
LABOR S, 120V/600W, junction box, US plug	101.721
LABOR S, 230V/800W, junction box, SI-hose, EU plug	101.727
LABOR S, 230V/800W, flat cable, w/o plug	101.735
LABOR S, 120V/600W, flat cable, w/o plug	101.736
LABOR S, 230V/800W, flat cord, w/o plug	112.048
LABOR S, 230V/800W, UK plug	112.233



Configure
product

PENWELD A



The PENWELD A external-air welder is suitable for precise plastic welding in apparatus and tank construction. The work light integrated in the handle keeps the welding zone under control even in dark sections.

Technical data		
Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1000-1550 W	
Temperature	60-600 °C	140-1112 °F
Temperature setting stepless	Yes	
Display	Yes	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	254-282 mm	10-11.1 in
Device diameter	54 mm	2.12 in
Handle diameter	37 mm	1.45 in
Weight	0.43-0.48 kg	0.94-1.05 lb
Power cable length	0.5 m	1.64 ft
Approvals	CB Certification; CE; UKCA	
Protection class	II	
Country of origin	Switzerland	

Product items	
PENWELD 305-A, 230V/1000W, 3m, M14, EU plug	173.367
PENWELD 305-A, 120V/1000W, 3m, M14, US plug	173.368
PENWELD 305-A, 230V/1000W, 3m, M14, CH plug	173.369
PENWELD 305-A, 230V/1000W, 8m, M14, EU plug	173.370
PENWELD 305-A, 230V/1000W, 8m, M14, CH plug	173.371
PENWELD 500-A, 230V/1550W, 3m, EU plug	173.376
PENWELD 500-A, 120V/1550W, 3m, US plug	173.377
PENWELD 305-A, 120V/1000W, 8m, M14, US plug	173.666
PENWELD 505-A, 230V/1550W, 8m, M14, EU plug	175.598
PENWELD 500-A, 230V/1550W, 3m, CN plug	177.344
PENWELD 505-A, 230V/1550W, 8m, M14, CN plug	177.346



Configure
product

PENWELD S



The handy, robust PENWELD S external-air welder is intentionally simple in design to enable intuitive operation and withstand heavy loads. Different device variants cover individual needs.

Technical data		
Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1000-1550 W	
Temperature	60-600 °C	140-1112 °F
Temperature setting stepless	Yes	
Display	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	254-275 mm	10-10.82 in
Device diameter	54 mm	2.12 in
Handle diameter	37 mm	1.45 in
Weight	0.41-0.46 kg	0.9-1.01 lb
Power cable length	0.5 m	1.64 ft
Approvals	CE; UKCA	
Protection class	II	
Country of origin	Switzerland	

Product items	
PENWELD 305-S, 230V/1000W, 3m, M14, EU plug	173.372
PENWELD 305-S, 230V/1000W, 3m, M14, CH plug	173.373
PENWELD 305-S, 120V/1000W, 3m, M14, US plug	173.374
PENWELD 305-S, 230V/1000W, 8m, M14, EU plug	173.375
PENWELD 500-S, 230V/1550W, 3m, EU plug	173.378
PENWELD 500-S, 120V/1550W, 3m, US plug	173.379
PENWELD 500-S, 230V/1550W, 3m, CN plug	177.345
PENWELD 500-S, 230V/1550W, 1m, EU plug	179.377



Configure
product

Nozzles



106.988
Tacking nozzle (M14)



113.666
Drawing nozzle (M14) Profile D ø3



113.399
Drawing nozzle (M14) Profile D ø4



113.670
Drawing nozzle (M14) Profile A 90-5.7



105.622
Tubular nozzle (M14) ø 5 mm, 43 mm



107.137
Speed welding nozzle (ø 8.0) Profile C 8x2

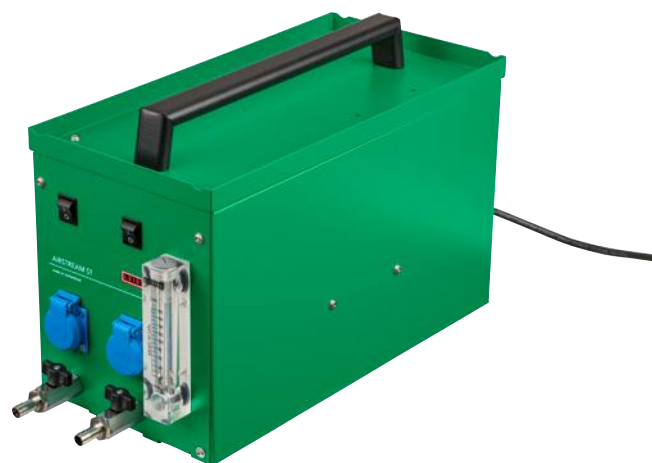
Machine specific accessories



170.881
Tool stand PENWELD



AIRSTREAM ST



With the quiet and efficient AIRSTREAM ST linear piston compressor, the air volume can be adjusted using the flow meter. It is ideal for welding applications with the highest cleanliness and quality requirements.

Technical data

Voltage	230 V	
Frequency	50 Hz	
Power	215 W	
Airflow (20°C)	200 l/min	7.06 cfm
Static pressure	25000 Pa	3.62 psi
Ambient temperature	-10-40 °C	14-104 °F
Air outlet (outer diameter)	14.5 mm	0.57 in
Blower type	Linear piston compressor	
Length	600 mm	23.62 in
Width	250 mm	9.84 in
Height	362 mm	14.25 in
Weight	24 kg	52.91 lb
Power cable length	3 m	9.84 ft
Noise emission level	< 48 dB(A)	
Approvals	CE	
Protection class	I	
Country of origin	Switzerland	

Product items

AIRSTREAM ST, 230V/215W, EU plug	158.822
AIRSTREAM ST, 230V/215W, CH plug	161.052



Configure
product

AIRSTREAM 100



The mobile AIRSTREAM 100 blower supplies the right amount of air for Leister's DIODE, PENWELD and LABOR heat guns. A suitable adapter is included in the scope of delivery to easily connect the heat guns.

Technical data

Voltage	120 V; 230 V	
Frequency	50 Hz; 60 Hz	
Power	72 W	
Airflow (20°C)	80 l/min	2.82 cfm
Static pressure	15000 Pa	2.17 psi
Ambient temperature	-10-40 °C	14-104 °F
Air outlet (outer diameter)	14.5 mm	0.57 in
Blower type	Linear piston compressor	
Length	440 mm	17.32 in
Width	228 mm	8.97 in
Height	227 mm	8.93 in
Weight	7.2 kg	15.87 lb
Power cable length	3 m	9.84 ft
Noise emission level	< 48 dB(A)	
Approvals	CE	
Protection class	I	
Country of origin	Switzerland	

Product items

AIRSTREAM 100, 230V/72W, CH plug	171.350
AIRSTREAM 100, 230V/72W, EU plug	171.351
AIRSTREAM 100, 230V/72W, CN plug	177.497
AIRSTREAM 100, 120V/86W, US plug	178.040



Configure
product



MINOR



The small and light MINOR air compressor is the perfect air source for Leister manual welding devices like DIODE S and LABOR S.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	100 W	
Airflow (20°C)	400 l/min	14.12 cfm
Static pressure	4000 Pa	0.58 psi
Max. ambient temperature	60 °C	140 °F
Air outlet (outer diameter)	14.5 mm	0.57 in
Blower type	Radial blower	
Length	250 mm	9.84 in
Device diameter	95 mm	3.74 in
Handle diameter	64 mm	2.51 in
Weight	1.15 kg	2.53 lb
Power cable length	3 m	9.84 ft
Noise emission level	67 dB (A)	
Approvals	CB Certification; CE; UKCA	
Protection class	II	
Country of origin	Switzerland	

Product items

MINOR, 230V/100W, EU plug	108.747
MINOR, 120V/100W, US plug	108.749
MINOR, 120V/100W, CEE 3/16	109.988
MINOR, 230V/100W, CN plug	177.271



Configure
product

Temperature measuring device



The temperature gauge is ideal for the construction site. It allows fast, precise measurements (3/s) between -65 to 1200 °C. Compatible with type K probes, it is suitable for calibration of extruders and heat guns.

Technical data

Brand	Leister	
Temperature	-65-1200 °C	-85-2192 °F
Accuracy	±0.1%	
Temperature sensor Type	K	
Length	54 mm	2.12 in
Width	28 mm	1.1 in
Height	108 mm	4.25 in
Weight	0.12 kg	0.26 lb
Country of origin	Germany	

Machine specific accessories



136.962
Insertion probe type K, $\varnothing$ 3 × 100 mm



136.963
Insertion probe type K, $\varnothing$ 1.5 × 100 mm



106.956
Thermocouple type K, $\varnothing$ 1.5 × 160 mm, with connector



142.570
Tool case

Product items

Temperature measuring device G1200	136.961
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Configure
product

General accessories can be found from page 26.

VACUUM PLATE 100-LP



The compact, quiet VACUUM PLATE 100-LP vacuum testing device is designed for leak testing welding seams on roofs and in swimming pools. The integrated AMPShare battery from Bosch enables cordless operation.

Technical data

Voltage battery	18 V	
Battery capacity	72 Wh	
Voltage	220-240 V	
Frequency	50/60 Hz	
Max. vacuum	0.02 bar	0.29 psi
Length	360 mm	14.17 in
Width	320 mm	12.59 in
Height	155 mm	6.1 in
Weight	2 kg	4.4 lb
Plug	EU/CH, 2 poles, 2.5A	
Noise emission level	78 dB (A)	
Approvals	CE	
Country of origin	Switzerland	

Product items

VACUUM PLATE 100-LP, 18.0V/4.0Ah, EU/CH plug	144.000
VACUUM PLATE 100-LP, w/o battery, w/o charger	144.800



Configure
product

EXAMO 100



The EXAMO 100 tensile tester tests the weld seam quality of geomembranes. Advantages: tool-free clamping of the specimens, constant tensile speed as well as effortless pulling of the specimens with the cordless screwdriver.

Technical data

Max. test length	100 mm	3.93 in
Max. sample width	25 mm	0.98 in
Max. sample thickness	3 mm	0.11 in
Length	283 mm	11.14 in
Width	50 mm	1.96 in
Height	73 mm	2.87 in
Weight	1.4 kg	3.08 lb
Approvals	CE; UKCA	
Country of origin	Switzerland	

Product items

EXAMO 100	170.539
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Configure
product

Further Accessories

General accessories



140.160
Pressure roller 40 mm, silicone



172.483
Seam weld tester multitool



140.161
Pressure roller 28 mm, silicone



138.817
Wire brush, stainless steel



106.976
Pressure roller 28 mm, PTFE



116.798
Wire brush, brass



175.657
Pressure roller 8 mm, PTFE



157.544
Utility scissors, 260 mm/10.2 in



106.972
Pressure roller 6 mm, brass



137.860
Safety Utility Knife



106.974
Pressure roller 80 mm, silicone



154.259
Scraper blade



151.382
Kehlfix for plastic liners



154.026
Contour scraper



153.009
Plastfix



106.997
Face milling cutter ø 6 mm



151.188
Edge planer for T-joints



114.239
Cylinder brush, brass ø 5 mm



125.917
Blade sharpener



142.647
Cylinder brush, brass ø 3 mm



174.048
Seam weld tester



117.000
Repulsion knife with 0.6 mm distance



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