

DIODE PID / S: The powerful pair.

There are two options for high-quality work: The closed-loop DIODE PID provides the perfect welding temperature at all times. The DIODE S easily puts you in control with a manual temperature knob.



Convenient wire welding using the powerful and lightweight DIODE PID.

External air hand tool

DIODE PID / DIODE S



- Operated with MINOR or ROBUST blower or with compressed air
- Digitally controlled and displayed temperatures (DIODE PID)
- Cooled heating element tube
- Suitable for field applications when used in combination with a MINOR blower

Technical data		
Voltage	V~	120 / 230
Power	W	1600
Temperature	°C	20 – 600
Size (L x Ø)	mm	265 x 57, handle Ø 40
Weight	kg	1.15 kg (with 3 m cord / 3 m air hose)
Conformity mark	CE	
Protection class II	□	

Article No.:
101.303 DIODE PID, 230 V / 1600 W, push-fit, with Euro plug
101.281 DIODE S, 230 V / 1600 W, push-fit, with Euro plug
101.304 DIODE PID, 230 V / 1600 W, screw-on, with Euro plug
101.282 DIODE S, 230 V / 1600 W, screw-on, with Euro plug
101.293 DIODE S, 120 V/1600 W for push-fit nozzles, with UK-plug
Additional versions available upon request

Hand tool and blower

DIODE PID / DIODE S with MINOR



- MINOR blower and DIODE PID with screw-on drawing nozzle.
- Ideal for assembly work

Technical data		
Voltage	V~	120 / 230
Power	W	1600
Temperature	°C	20 – 600
Size (L x Ø)	mm	265 x 57, handle Ø 40
Weight	kg	2.5 kg (with 3 m cord / 1.5 m air hose)
Conformity mark	CE	
Protection class II	□	

Article No.:
108.880 DIODE PID with MINOR, 230 V / 1700 W, screw-on, 1.5 air hose, Euro-plug
101.441 DIODE S with MINOR, 230 V / 1700 W, push-fit, 1.5 air hose, Euro-plug
Additional versions available upon request





The MINOR blower as an air supply for the DIODE PID.

MINOR: The mobile air supplier.










Don't be deceived by the MINOR's small size and low weight. This blower delivers sufficient air to enable quality work with the DIODE PID / DIODE S or LABOR S.

Accessories DIODE PID / DIODE S

With push-fit nozzle

	100.303 Ø 5 mm tubular nozzle, for versions with nozzles, push-fit
	106.992 Speed welding nozzle, push-fit on Ø 5 mm tubular nozzle 106.993 5.7 mm, profilee A 106.989 7 mm, profilee B 106.990 3 mm 106.991 4 mm 156.470 5 mm bent
	106.996 Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	143.833 Nozzle adapter for screw-on nozzles
	100.296 Heating element DIODE PID, 230 V / 1550 W 100.650 Heating element DIODE PID, 120 V / 1600 W 100.689 Heating element DIODE S, 230 V / 1550 W 100.702 Heating element DIODE S, 120 V / 1600 W

With screw-on nozzle

	105.622 Ø 5 mm tubular nozzle, screw-on
	106.988 Tacking nozzle, screw-on
	113.666 Ø 3 mm round drawing nozzle with tacking tip, screw-on
	113.399 Ø 4 mm round drawing nozzle with tacking tip, screw-on
	113.876 Ø 3 mm round drawing nozzle without tacking tip, screw-on
	113.874 Ø 4 mm round drawing nozzle without tacking tip, screw-on
	113.670 Triangular drawing nozzle, with tacking tip, screw-on, 5.7 mm
	113.877 Without tacking tip, screw-on 5.7 mm, profile A
	106.986 Without tacking tip, screw-on 7 mm, profile B 106.987 7 x 5.5 mm
	126.552 4 mm drawing nozzle, screw-on, for fluor plastics
	141.375 Connection adapter M14 for Ø 21.3 mm nozzle with plug

Blower

MINOR



- Lightweight and compact
- Powerful
- Serves as a mobile air supply for the DIODE PID / DIODE S and LABOR S
- Suitable for work on construction sites

Technical data

Voltage	V~	230
Power	W	100
Air volume (20°C)	l/min	400
Pressure static	Pa	4000 (40 mbar)
Air outlet (external)	mm	14.5
Size (L x Ø)	mm	250 x 95, handle Ø 64
Weight	kg	1.15 (with 3 m cord)
Conformity mark	CE	
Protection class II	□	

Article No.:

108.747	MINOR, 230 V / 100 W, with Euro plug
109.988	MINOR, 120V / 100W, with UK plug

Additional versions available upon request

More at the new accessories catalog at

www.leister.com/accessories