

## DIODE PID




Electronically regulated welding temperature for perfect working. Its external air supply makes it suitable for mobile installation work.

- Temperature electronically regulated and digitally displayed
- Electronic heating element protection
- Adaptor tube with heat protection
- Push-fit and screw-on nozzles for round and profile welding rods
- Air supply provided by the ROBUST or MINOR blowers
- Suitable for mobile assembling applications when connected to the MINOR blower



## SPECIFICATIONS




### DIODE PID 42 V

Voltage	V~	42
Power consumption	W	600
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Min. Air flow (20° C)	l/min	40
Pressure dynamic	Pa	max. 10 <sup>5</sup> (1000 mbar)
Size (L x ø)	mm	265 x 57, handle Ø 40
Weight	kg	1.15 (with 3 m cord / 3 m air hose)
Marking of conformity		
Approval mark		
Certification scheme		CCA
Protection class II		




### DIODE PID 100 V

Voltage	V~	100
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## Plastic Welding &gt; Hand tools &gt; DIODE PID

Power consumption	W	1400
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Min. Air flow (20° C)	l/min	40
Pressure dynamic	Pa	max. 10 <sup>5</sup> (1000 mbar)
Size (L x ø)	mm	265 x 57, handle Ø 40
Weight	kg	1.15 (with 3 m cord / 3 m air hose)
Marking of conformity		
Approval mark		
Certification scheme		CCA
Protection class II		




## DIODE PID 120 V

Voltage	V~	120
Power consumption	W	1600
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Min. Air flow (20° C)	l/min	40
Pressure dynamic	Pa	max. 10 <sup>5</sup> (1000 mbar)
Size (L x ø)	mm	265 x 57, handle Ø 40
Weight	kg	1.15 (with 3 m cord / 3 m air hose)
Marking of conformity		
Approval mark		
Certification scheme		CCA
Protection class II		

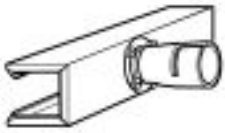
## DIODE PID 230 V

Voltage	V~	230
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## Plastic Welding &gt; Hand tools &gt; DIODE PID

Power consumption	W	1600
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Min. Air flow (20° C)	l/min	40
Pressure dynamic	Pa	max. 10 <sup>5</sup> (1000 mbar)
Size (L x ø)	mm	57 x 265, handle Ø 40
Weight	kg	1.15 (with 3 m cord / 3 m air hose)
Marking of conformity		
Approval mark		
Certification scheme		CCA
Protection class II		

## ACCESSORIES



Shell reflector 25 x 150 mm push-fit on Triac PID / Triac S and Diode PID / Diode S  
107.326 - Shell reflector 25 x 150 mm, push-fit



High speed draw nozzle  $\varnothing$  3 mm /  $\varnothing$  4 mm

113.666 - High speed draw nozzle  $\varnothing$  3mm with tacking tip, screw on (without tacking tip on request)

113.399 - High speed draw nozzle  $\varnothing$  4mm with tacking tip, screw on (without tacking tip on request)



High speed draw nozzle 90-5.7 mm / 7 mm

113.670 - High speed draw nozzle 90 - 5.7 mm with tacking tip, screw on (without tacking tip on request)

106.986 - Draw nozzle 7 mm, screw on



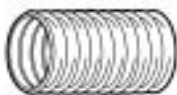
Tacking nozzle screw on Triac PID / Triac S, Diode PID / Diode S and Welding PEN R / Welding PEN S

106.988 - Tacking nozzle screw on



Tubular nozzle  $\varnothing$  5 mm, screw on TRIAC PID / TRIAC S, DIODE PID / DIODE S and WELDING PEN R / WELDING PEN S

105.622 - Tubular nozzle  $\varnothing$  5 mm, screw on



Air hose  $\varnothing$  14 mm for Diode PID / Diode S and Welding PEN R / Welding PEN S

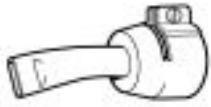
101.681 - Air hose  $\varnothing$  14 mm



Welding mirror 135 mm push-fit on TRIAC PID / TRIAC S and DIODE PID / DIODE S

107.344 - Welding mirror 135 mm, push-fit

## Plastic Welding &gt; Hand tools &gt; DIODE PID



Wide slot nozzle  $\varnothing$  20 mm, push-fit on TRIAC PID, TRIAC S

107.123 - Wide slot nozzle 20 mm, push-fit



Wide slot nozzle 40 mm, PTFE coated push-fit on TRIAC PID / TRIAC S, DIODE PID / DIODE S

107.135 - Wide slot nozzle 40 mm, PTFE coated push-fit



Wide slot nozzle 40 mm, push-fit on TRIAC PID, TRIAC S

107.132 - Wide slot nozzle 40 mm, push-fit



Tubular nozzle  $\varnothing$  5 mm push-fit on TRIAC PID / TRIAC S

100.303 - Tubular nozzle  $\varnothing$  5 mm, push-fit



Pressure roller 28 mm (PTFE), with ball bearings

106.976 - Pressure roller 28 mm (PTFE)with ball bearings



Pressure roller 28 mm (silicon), with ball bearings

140.161 - Pressure roller 28 mm (silicon), with ball bearings



One-arm pressure roller 40 mm, with ball bearings (silicon)

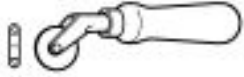
140.160 - One-arm pressure roller 40 mm, with ball bearings (silicon)



Customs seal roller, with ball bearings

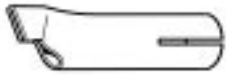
106.981 - Customs seal roller, with ball bearings

## Plastic Welding &gt; Hand tools &gt; DIODE PID



Pressure roller with ball bearings (brass), with ball bearings

106.972 - Pressure roller with ball bearings (brass), with ball bearings



Tacking nozzle push-fit on tubular nozzle ø 5 mm

106.996 - Tacking nozzle, push-fit on tubular nozzle Ø 5mm



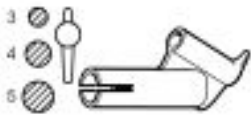
Speed welding nozzle 4.5 x 12mm for fillet seams

107.139 - Speed welding nozzle 4.5 x 12mm for fillet seams, push-fit on tubular nozzle ø 5mm



Speed welding nozzle for tape 8 mm push-fit on tubular nozzle Ø 5mm

107.137 - Speed welding nozzle for tape 8 mm, push-fit on tubular nozzle Ø 5mm



Speed welding nozzle with small air-slide, push-fit on Tubular nozzle ø 5mm

105.431 - Speed welding nozzle 3 mm, small air-slide, push-fit on tubular nozzle Ø 5 mm

105.432 - Speed welding nozzle 4 mm, small air-slide, push-fit on tubular nozzle Ø 5mm

105.433 - Speed welding nozzle 5 mm, small air-slide, push-fit on Tubular nozzle Ø 5 mm



Speed welding nozzle 3, 4, 5 mm push-fit on tubular nozzle Ø 5 mm

106.989 - Speed welding nozzle 3 mm, push-fit on tubular nozzle Ø 5 mm

106.990 - Speed welding nozzle 4 mm push-fit, on tubular nozzle Ø 5 mm

106.991 - Speed welding nozzle 5 mm, push-fit on tubular nozzle Ø 5 mm



Hose clamp for air hose ø 14 mm

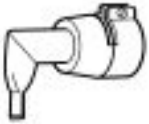
101.031 - Hose clamp for air hose Ø 14 mm

## Plastic Welding &gt; Hand tools &gt; DIODE PID



Angled nozzle 20 mm, 60° push-fit on TRIAC PID / TRIAC S

107.125 - Angled nozzle 20 mm, 60°, push-fit



Angled nozzle 20 mm, 90° push-fit on TRIAC PID / TRIAC S

107.124 - Angled nozzle 20 mm, 90°, push-fit



Wide slot nozzle 40 mm, 60° bent push-fit on TRIAC PID / TRIAC S

107.130 - Wide slot nozzle 40 mm, 60° bent, push-fit



Wide slot nozzle 60 mm push-fit on TRIAC PID / TRIAC S

107.129 - Wide slot nozzle 60 mm, push-fit



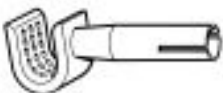
Wide slot nozzle 80 mm push-fit on TRIAC PID / TRIAC S

107.131 - Wide slot nozzle 80 mm, push-fit



Wide slot nozzle 40 mm, perforated push-fit on TRIAC PID / TRIAC S

107.133 - Wide slot nozzle 40 mm, perforated, push-fit



Sieve reflector 12 x 10 mm push-fit on tubular nozzle Ø 5mm

107.324 - Sieve reflector 12 x 10 mm, push-fit on tubular nozzle Ø 5mm



Soldering reflector 17 x 34mm push-fit on TRIAC PID / TRIAC S

107.339 - Soldering reflector 17 x 34 mm, push-fit

## Plastic Welding &gt; Hand tools &gt; DIODE PID



Sieve reflector 35 x 20 mm push-fit on TRIAC PID / TRIAC S

107.338 - Sieve reflector 35 x 20 mm, push-fit



Sieve reflector 50 x 35 mm push-fit on TRIAC PID / TRIAC S

107.337 - Sieve reflector 50 x 35 mm, push-fit



Speed welding nozzle 5.7, 7 mm push-fit on tubular nozzle Ø 5 mm

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