

DR-1000/DR-1900

DITZLER VULKAN

Plastic welding equipment



- > Ultra light and slim
- > Very easy to use
- > Powerful, even in confined spaces
- > Double protective insulation for safety
- > None of the apparatus becomes hotter than hand hot, even at max. operating temperature
- > Electronic system provides high levels of temperature accuracy
- > Easy to service and low servicing costs
- > Swiss Quality, including Swiss Elektro test

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Plastic welding equipment

For efficient, fast and safe work on all the thermoplastic plastics currently recognised, with continuous regulation to 600°C, stabilised to $\pm 3^\circ\text{C}$, independent of the volume of air flow.



Efficient working is ensured by a multitude of nozzles, especially developed and tested for all the profiles conventionally available.



The powerful heating element is provided with double electrical insulation so that work can be carried out with greater safety in all areas.



The slim, compact and outstandingly light construction guarantees precise, efficient working under more difficult conditions, as well as in confined and inaccessible locations.



Accessories and equipment

Protective stainless steel cover
– easy to remove for servicing work
– stays hand hot, even at the highest ventilation temperatures



Lit by 3D minispot



5101 Lit by 24V / 20 watt minispot

With detachable ring on the DR-1000/DR-1900 protective cover plus connector ring with 5 m cable and special plug, to match electrical mains connecting equipment

Electrical mains connecting equipment



5120 Mains connecting equipment with plug for lighting equipment

- 230 volt or 120 volt for welding gear
- 24 volt protection voltage for lighting
- Fault current protection switch, Fi-30 mA
- 2,5 m mains cable, with plug as required

5130 Nitrogen/air mains connecting equipment with plug for lighting equipment

- 230 volt or 120 volt for welding gear
- 24 volt protection voltage for lighting
- Fault current protection switch, Fi-30 mA
- 3-way valve to switch from nitrogen to air
- Pressure reduction valve
- Air flow meter, with 10 – 100 NL/min scale
- 2,5 m mains cable, with plug as required

3D Control spot



- 5102 24V/20 watt control spot**
with handle and miniswitch, 5 m cable and special plug, to match electrical mains connecting equipment

Table stand



- 5320 Special table stand**
Made of stainless steel for welding gear DR-1000 and DR-1900

Welding air regulator combination



- 5215 flow meter made of Plexiglas, transparent**
with 10 – 100 NL/min scale, $\frac{3}{8}$ " air connection nipple and hose connection
- 5210 Welding air regulator combination**
Comprising pressure reduction station with manometer, oil separator, stop-tap, flow meter with 10 – 100 NL/min scale and hose connection

Welding mirror



- 5102 Welding mirror with table stand**
- Special Teflon coating with high abrasion-resistance and non-stick qualities
 - Precise distribution of heat
 - Chemical-resistant against all materials
 - Temperature-resistant up to 320°C
 - Standard diameters 180 mm, 220 mm and 360 mm
 - Special measurements and designs by request

welding nozzles

Round nozzles with lip



5020 Ø 3 mm
5021 Ø 4 mm
5022 Ø 5 mm
5023 Ø 6 mm
5024 Ø 8 mm

Round nozzles without lip



5030 Ø 3 mm
5031 Ø 4 mm
5032 Ø 5 mm
5033 Ø 6 mm
5034 Ø 8 mm

Stitch nozzle (Tacking tip)



5040

Fast welding nozzles, round



5060.01 Ø 2 mm
5050 Ø 3 mm
5051 Ø 4 mm

Fast welding nozzles, triangular



5060 △ 3 mm
5061 △ 4 mm
5062 △ 6 mm
5063 △ 8 mm

Flat nozzles for welding band



5070 □ 2,5 mm x 15 mm (E-CTFE)
5071 □ 2 mm x 12 mm
5072 □ 2 mm x 8 mm

Steep nozzles for round welding wire



5090 Ø 3 mm, straight
5091 Ø 4 mm, straight

Tools



5310 Three-square scraper for various tasks

5311 Special deburring tool with various blades

5312 Drawing scraper to hollow out welding grooves

5313 Drawing scraper with cutting metal insert

5315 Welding nozzle pliers to change hot welding nozzles

5316 Side cutting pliers, 145 mm, black, for clean chamfering of welding wire

5317 Brush with brass bristles to clean welding nozzles

5318 Stainless steel scraper to remove the welding wire before carrying out welding tasks, with cut-in grooves to match the welding wire

5319 Stainless steel scraper for general removal tasks