



Spot welding units





JUNIOR 3000

Basic spot welding unit/
Spot welding unit for beginners

- 2 settings for adjusting the welding energy
- 1 fixed soldering stage, no continuous soldering
- toggle switch for operating mode
- connection for hand electrode
- connection for foot switch

Power voltage	REF
230 V~ 50/60 Hz	077-000-00
110 V~ 50/60 Hz	077-000-01

Technical data

Output	115 W
Welding power	to 1200 A
Welding stages	2 stages
Soldering stages	1 stage
Electric fuse	2 AT
Power frequency	50/60 Hz
Weight	7 kg
Dimensions (W x H x D)	335 x 130 x 310 mm



ASSISTENT 3000

Allround spot welding unit

- 6 settings for adjusting the welding energy
- 2 soldering stages, button for continuous soldering
- LED display
- automatic voltage detection (110 – 240 V)
- current limitation if electrode is incorrect
- power saving device (stand-by mode if not used for 10 minutes)
- error indications for:
 - overheating
 - check the electrodes
- connection for hand electrode
- connection for foot switch

Power voltage	REF
110–240 V~ 50/60 Hz	078-000-00

Technical data

Output	140 W
Welding power	to 2000 A
Welding stages	6 stages
Soldering stages	2 stages, continuous welding
Electric fuse	3.15 AT
Power frequency	50–60 Hz
Weight	8 kg
Dimensions (W x H x D)	335 x 130 x 310 mm



MASTER 3000
High-performance spot welding unit

- infinite power adjustment in all modes
- button for continuous soldering
- LCD-display with 5 language settings
- automatic voltage detection (110 – 240 V)
- current limitation if electrode is incorrect
- power saving device (stand-by mode if not used for 10 minutes)
- error indications for:
 - overheating
 - mix-up of electrodes
 - system problems
- printer connection e.g. for welding report as patient documentation
- connection for hand electrode
- connection for foot switch

Power voltage	REF
110–240 V~ 50/60 Hz	079-000-00

Technical data

Output	140 W
Welding power	to 2200 A
Welding stages	stageless
Soldering stages	stageless, continuous welding
Electric fuse	3.15 AT
Power frequency	50–60 Hz
Weight	8.2 kg
Dimensions (W x H x D)	335 x 130 x 310 mm

ACCESSORIES*

Foot switch

To be used with the spot welding units Junior 3000, Assistent 3000 and Master 3000.

REF 080-116-00	1 piece
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Hand electrode, single

Suitable for all Dentaaurum spot welding units.

REF 081-101-00	1 piece
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Holder for hand electrode

For the spot welding units Junior 3000, Assistent 3000 and Master 3000.

Version	REF	Quantity
for right and left side	081-204-00	2 pieces
for right side	081-205-00	1 piece
for left side	081-206-00	1 piece

Soldering carbon for hand electrode

Suitable for all Dentaaurum spot welding units.

- copper casing

REF 081-601-00	1 piece
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Electrode, notched, for hand electrode

Suitable for all Dentaaurum spot welding units.

- for soft-annealing, tempering and welding

REF 081-501-00	2 pieces
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Clamping electrode for hand electrode

Suitable for all Dentaaurum spot welding units.

- for soft-annealing, tempering and welding

REF 081-701-00	1 piece
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* Hand electrode, holder for hand electrode and foot switch are not included.

Dentaurum Group

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