



PICO-S



PICO-L

PICO by eldec



PICO by eldec –
small, red, strong

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Just heat!

Low-cost energy sources with a single output and very simple intuitive control.

The PICO series is available in two housing sizes and a wide range of capacity classes. PICO-S and PICO-L are our low-cost devices with uncompromising eldec quality due to the high level of component standardization. Developed, built, and tested “by eldec.” eldec PICO generators are available in the form of medium-frequency and high-frequency energy sources from 5 to 150 kW for the inductive heating of a wide range of workpieces and materials.

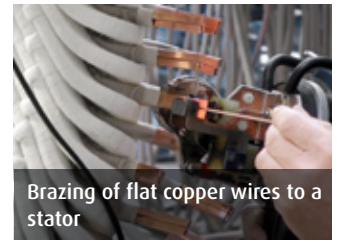
PICO generators are extremely compact and have a very high power density, for example the PICO-S generator (tabletop housing size) is available with 30 kW MF – the best ratio of volume to power on the market.

Thanks to the new, intuitive user interface, plug & play is a reality. Equipped with the familiar user-friendly functions, it is a simple but extremely powerful generator.

If you have any other wishes, such as higher output power levels, multiple outputs, frequency switching, low frequencies, dual frequencies or simultaneous frequencies (LF, DF, SDF®), eldec can supply customizable solutions on the basis of its ECO LINE and CUSTOM LINE series.



Brazing carbide metal blades to a meat grinder



Brazing of flat copper wires to a stator



Brazing carbide metal pins to a road miller

Type / Nominal power	Power connection ± 10 % 50/60Hz		Cooling water consumption without inductor	Dimensions / Weight Generator	
	V	A	l/min	W x H x D mm	kg
PICO-S 5 MF	3 x 400	10	8	450 x 280 x 510	50
PICO-S 10 MF	3 x 400	20	8	450 x 280 x 510	50
PICO-S 15 MF	3 x 400	32	8	450 x 280 x 510	50
PICO-S 20 MF	3 x 400	35	10	450 x 280 x 510	50
PICO-S 30 MF	3 x 400	63	12	450 x 280 x 510	60
PICO-S 5 HF	3 x 400	10	8	450 x 280 x 510	50
PICO-S 10 HF	3 x 400	20	8	450 x 280 x 510	50
PICO-S 15 HF	3 x 400	32	8	450 x 280 x 510	50
PICO-L 50 MF	3 x 400	100	27	550 x 910 x 800	150
PICO-L 75 MF	3 x 400	160	32	550 x 910 x 800	150
PICO-L 100 MF	3 x 400	200	37	550 x 910 x 800	170
PICO-L 150 MF	3 x 400	315	50	550 x 910 x 800	200
PICO-L 25 HF	3 x 400	50	11	550 x 910 x 800	150
PICO-L 35 HF	3 x 400	63	12	550 x 910 x 800	150
PICO-L 50 HF	3 x 400	100	27	550 x 910 x 800	160
PICO-L 75 HF	3 x 400	160	32	550 x 910 x 800	180

MF frequency range: 8–20 kHz or 16–40 kHz HF frequency range: 70–175 kHz or 140–350 kHz

Range of functions, equipment and options

Occupational safety and high availability are important to us. The units therefore feature tried-and-tested eldec quality with electrical isolation of all external signal connections among others. In addition, the cooling water and cooling element temperature as well as the generator and inductor cooling water temperature are monitored consistently. Find out more at our EMAG eldec Induction YouTube channel.

Equipment:

- Operating modes: continuous, jog and timer
- Control types: power, electricity and temperature using a pyrometer
- 8 different timers, each with a max. running time of 600 seconds
- Memory for recipe management, up to 50 recipes
- Intuitive operation using sealed keypad and display
- Also for PICO-L: 2-channel Emergency Stop
- Control possible via foot switch or foot pedal and external interface

Options:

- eldec brazing gun can be used
- Housing suitable for crane transport available for PICO-L
- Protection IP54 and mobile base available for PICO-L (Standard IP40)



PICO-L 75 MF with chassis and hose package suspension



Cable box with heating cable for shrink application

