

DELTA 160 | 180 | 200



MICATRONIC

Portable inverters for workshop use and site welding operations

Machines with plenty of power to spare

Delta is the name of Migatronik's portable, mono-phase welding machines for workshop use and site welding operations. Three different models cover the requirement for quality welds, using up to 4 mm covered electrodes, or TIG welding in stainless materials with up to 200 A welding current. Using the machines couldn't be easier, just switch on, press and weld.



MMA with or without PFC

PFC (Power Factor Correction) is a function for welding with high output using small mains fuses. The Delta 180 E with PFC can be used with up to 50 m long mains cables which is very useful for site welding operations or in case of large voltage drops on the mains supply. A Delta with PFC will easily operate with up to 40% voltage drops.

The Delta 160 E without PFC, featuring well-known technology, hotstart, and arc control as standard is still available for markets or networks not requiring PFC. With the scratch ignition, the Delta 160 E without PFC and the Delta 180 E with PFC can also be used for simple TIG welding.



TIG welding with or without pulse

Delta 200 DC HP PFC is Migatronik's smallest TIG welding machine with pulse function, for thin and medium wall thicknesses in stainless steel, mild steel and other DC weldable alloys. High output in the current range 5-200 A. TIG or MMA, 2-stroke or 4-stroke, HF or LIFTIG® ignition are optional functions, and the welding current is easily read on the digital control panel.

The HP versions feature arc control and variable gas post-flow. In TIG welding, the machines can be operated through a remote control unit on the Migatronik Dialog torch (optional equipment).



Super compact lightweight units

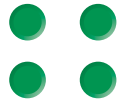
The lightweight Delta machines are in the characteristic, rounded Migatronik design and have compact and sturdy casings with a low centre of gravity.

As regards warranty, you can extend the warranty period from one to two years free of charge by clicking on www.migatronik.com.



Delta E version

Machines for MMA and TIG welding anywhere



Migatron Delta at its regular place in the service vehicle.



Migatron Delta - easy to use in hard-to-reach locations.



The handy Delta with protective frame and trolley with wheels is here used for repair of a snow shovel using basic electrodes.

User advantages:

- Operational comfort:
Switch on, press, weld
- Mono-phase with high output
- PFC Power Factor Correction
- Portable and flexible



Delta 200 DC HP with PFC.

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Optional equipment

- TIG welding hoses
- Electrode cables
- Remote control unit
- Foot control unit
- Protective frame
- Trolley with wheels

Migatronix Delta - easy-to-use and efficient TIG machine.

POWER SOURCE	DELTA 160 E	DELTA 180 E PFC*	DELTA 200 HP PFC*
Mains voltage	1 x 230 V	1 x 230 V	1 x 230 V
Fuse	20 A	16 A	16 A
Duty cycle DC 100% at 40°C	100 A	100 A	100 A (MMA) /115 A (TIG)
Duty cycle DC 60% at 40°C	120 A	120 A	125 A (MMA) /135 A (TIG)
Duty cycle DC 25% at 40°C	160 A (30%)	180 A (30%)	180 A (MMA) /200 A (TIG)
Duty cycle DC 100% at 20°C	120 A	125 A	-
Duty cycle DC 60% at 20°C	150 A	150 A	-
Open circuit voltage	55-60 V	70 V	70 V
Current range	20 - 160 A	20 - 180 A	20 - 180 A (MMA) 20 - 200 A (TIG)
Protection class	IP 23S	IP 23S	IP 23S
Dimensions H x W x L, mm	410 x 150 x 230	470 x 180 x 255	470 x 180 x 250
Weight, kg	7.8	10.6	11.8

* Ready for delivery spring 2012
We reserve the right to make changes.

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