

MinarcTig

REFINED TIG WELDING QUALITY FOR PRECISE APPLICATIONS





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MinarcTig 250 is the ideal DC TIG welding solution for installation, repair and maintenance applications. The 250 amp model suits high quality work and the lightweight and compact size is a real bonus for professionals on the move around site.

MinarcTig 250 is a dual-process machine, providing an impressive DC TIG and MMA welding experience. In addition to the basic 250 machine there is the 250MLP model, equipped with special features, such as Minilog and pulsed arc function. High 35 % duty cycle and light weight combine real performance advantages, plus exceptional control in low current ignition means refined TIG welding quality for precise applications.



KEY BENEFITS



DUAL-PROCESS OPTION

Allows you to be more versatile



SIMPLY EXCELLENT

Low current ignition



COMPACT SIZE

Makes it easy to carry anywhere

BENEFITS

- Excellent low current ignition
- Clear parameter display
- Pre and post gas timer
- Slope in/out timer
- Torch switch latching
- Pulse welding option
- Suitable for mains or power generator use



PRODUCT OPTIONS



MinarcTig 250

MinarcTig 250 is a dual-process basic model providing an impressive DC TIG and Stick (MMA) welding experience. This model is compatible and available with Flexlite TX torch models TX 225G and TX165GF (4 & 8 m).



MinarcTig 250 MLP

MinarcTig 250MLP is an advanced dual-process model equipped with special features such as Minilog and pulsed arc function. This model is compatible and available with Flexlite TX torch models TX 225G and TX 165GF (4 & 8 m).

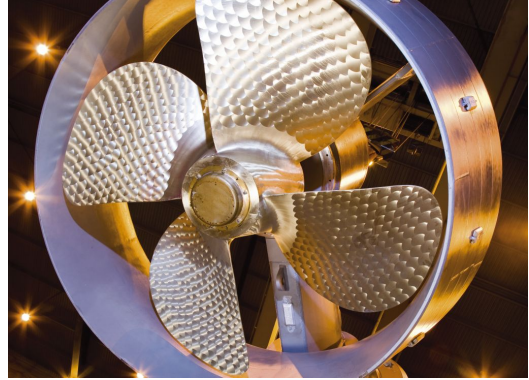


FEATURES



Easy quality welding

MinarcTig 250 is an ideal machine for thin sheet fabrication tasks. The low current ignition and stable arc make quality welding easy.



Dependable and portable welding partner

MinarcTig can be used in the production and maintenance of many metal products.



ACCESSORIES



Flexlite TX

The Flexlite TX torches are designed for use with MasterTig welding equipment. The torch range includes several neck models, offering superb cooling performance and good access to challenging joint designs.



Welding cable 5 m 16 mm²



Welding cable 5 m 25 mm²



Welding cable 10 m 25 mm²



Earth return cable 5 m, 16 mm²



Earth return cable 5 m, 25 mm²



Earth return cable 10 m, 25 mm²



MST 400

Suitable for MinarcMig, MinarcMig Evo, MinarcTig, MinarcTig Evo, and Minarc 220.

The MST 400 is a 2-wheel transport unit that is recommended for smaller gas bottle sizes.



Carrying straps



Remote control R10

Suitable for use with Kempfi MIG, TIG, and stick (MMA) welding equipment. Available in 5 m and 10 m.

Increase welding quality, work efficiency, comfort, and safety with appropriate, easy-to-use Kempfi remote controls.



Remote control R11F

Foot control pedal for Kempfi MasterTig MLS, MasterTig MLS ACDC and MinarcTig. Available in 5 m.

Increase welding quality, work efficiency, comfort, and safety with appropriate, easy-to-use Kempfi remote controls.



Gas flow gauge AR/clock



Shielding gas hose 4.5 m



TXR10

Optional on-torch remote control with a roller-type current control switch. Available for water and gas-cooled Flexlite torch models.



TXR20

Optional on-torch remote control with a rocker type current control switch. Available for water and gas-cooled Flexlite torch models.



TECHNICAL SPECIFICATIONS

MinarcTig 250

Product code	MinarcTig 250, TX 165GF 4M – P0607TX MinarcTig 250, TX 165GF 8M – P0608TX MinarcTig 250, TX 225G 4M – P0609TX MinarcTig 250, TX 225G 8M – P0610TX MinarcTig 250, TX 165GS 4M – P0625TX MinarcTig 250, TX 165GS 8M – P0626TX MinarcTig 250, TX 225GS 4M – P0632TX MinarcTig 250, TX 225GS 8M – P0633TX MinarcTig 250, TX 135GF 4M – P0636TX MinarcTig 250, TX 135GF 8M – P0637TX MinarcTig 250, TX 165GS 16M – P0668TX
Connection voltage 3~ 50/60 Hz	400 V (-20...+15 %)
Fuse (delayed)	10 A
Output (TIG) 30% ED	250 A/20.1 V
Output (TIG) 100% ED	160 A/16.4 V
Output (MMA) 35% ED	220 A/ 28.8 V
Output (MMA) 100% ED	150 A/26.0 V
Open circuit voltage	95 V (VRD 30 V)
Stick electrode sizes	1.5...5.0 mm
Welding range (MMA)	10 A/20.4 V - 220 A/28.8 V
Welding range (TIG)	5 A/10.2 V - 250 A/20.1 V
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	400 × 180 × 340 mm
Weight (no accessories)	11 kg (without cables)
Degree of protection	IP23S



MinarcTig 250 MLP

Product code	MinarcTig 250MLP, TX 165GF 4M – P0611TX MinarcTig 250MLP, TX 165GF 8M – P0612TX MinarcTig 250MLP, TX 225G 4M – P0613TX MinarcTig 250MLP, TX 225G 8M – P0614TX MinarcTig 250MLP, TX 135GF 4M – P0615TX MinarcTig 250MLP, TX 135GF 8M – P0616TX MinarcTig 250MLP, TX 165GS 4M – P0617TX MinarcTig 250MLP, TX 165GS 8M – P0618TX MinarcTig 250MLP, TX 225GS 4M – P0634TX MinarcTig 250MLP, TX 225GS 8M – P0635TX MinarcTig 250MLP, TX 135GF 4M – P0636TX MinarcTig 250MLP, TX 135GF 8M – P0637TX MinarcTig 250MLP, TX 165GS 16M – P0669TX
Connection voltage 3~ 50/60 Hz	400 V -20...+15 %
Fuse (delayed)	10 A
Output (TIG) 30% ED	250 A/20.1 V
Output (TIG) 100% ED	160 A/16.4 V
Output (MMA) 35% ED	220 A/ 28.8 V
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Kemppi is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

