

KEMPPI K5 WELDING EQUIPMENT

MinarcTig 250 MLP

PORTABLE WELDING PARTNER





MinarcTig 250 MLP



REFINED TIG WELDING QUALITY FOR PRECISE APPLICATIONS

MinarcTig 250MLP is the ideal DC TIG welding solution for installation, repair and maintenance applications. The 250 A model suits high quality work and the lightweight and compact size is a real bonus for professionals on the move around site. This unit is suitable for DC TIG and Stick (MMA) welding and the dual-process function makes this machine a versatile solution for many DC TIG applications. This model is 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 and challenging components. MinarcTig 250 MLP is suitable for a range of materials suited to the DC TIG welding process, including demanding root and filler passes requiring high efficiency.

KEY APPLICATIONS



THIN SHEET
FABRICATION



PROCESS PIPELINES



REPAIR AND
MAINTENANCE



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

- Light weight and compact size give better reach
- Excellent low current ignition
- Minilog and pulse functions improve welding productivity
- Clear parameter display
- Pre and post gas timer
- Steady, easily targeted arc makes welding easy.
- Slope in/out timer
- Torch switch latching
- Pulse welding option
- Great voltage reserve increases ease of operation



WHAT'S IN THE SYSTEM - EQUIPMENT



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 TTC torch models 160 and 220 (4 & 8 m).



TTC torches

The TTC range is designed for use with specific Kemppi TIG machines and available in both gas- and water-cooled models.



TECHNICAL SPECIFICATIONS

MinarcTig 250 MLP

Product code	MinarcTig 250MLP, TTC 160, 4 m - P0611 MinarcTig 250MLP, TTC 160, 8 m - P0612 MinarcTig 250MLP, TTC 220, 4 m - P0613 MinarcTig 250MLP, TTC 220, 8 m - P0614
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

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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 600 welding experts in 13 countries and has a revenue of more than 110 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.

