POWERTEC® i250C & i320C

New inverter based compact welders

ready for tomorrow

DESIGNED WITH WELDERS, FOR WELDERS

POWERTEC® i are new inverter based compact welders for MIG/MAG and MMA welding.

They are available as either the STANDARD (Volt & WFU controls and digital volt/ammeters) model or the ADVANCED (colour screen with 25 synergic curves) model with two welding outputs, 250 or 320A.





Stick, MIG

WHY POWERTEC® i?

- » Designed with welders, for welders with attention to details for better comfort
- » Innovative intuitive interface Simple navigation, easy settings and process selection, multi-language menu
- » Premium arc performance Repeatable arc ignition, excellent arc stability, rapid parameter adjustment
- » Perfect feedability

Optimized wire positioning, 4 driven rolls, inspection window, LED lights

- Ready for the heaviest industrial conditions Developed and tested under the hardest conditions (TRUE HD) to grant the reliability you need
- More functions and features Synergy, 7" colour screen, memories, joint visualization (ARCFX™), multi-languages, USB connection for the Advanced versions

SPECIFICATIONS

Product	Item Number	Model	Primary Voltage (50-60Hz)	Current Range (A)	Rated Output	Effective consumption (A)	Weight (kg)	Dimensions WxLxD (mm)	Protection Class
Powertec® i250C	K14157-1	standard	400/3Ph +/- 15%	10-250	250A@60% 195A@100%	14,7	66	535 x 300 x 635	IP23
	K14157-2	advanced							
Powertec® i320C	K14158-1	standard		10-320	320A@40% 250A@60% 195A@100%	19,6			
	K14158-2	advanced							



EXCEPTIONAL ERGONOMICS

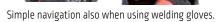


- 1 Ergonomic handle
- 2 7' color TFT screen (advanced models)
- 3 UI protection cover (option)
- 4 Heavy duty undercarriage
- **6** Rubber bumpers (option)
- 6 Gun rest
- Tools storage
- 8 Inspection window
- 9 LED lighting inside feeder chamber
- 10 Low gas cylinder entree
- 11 Lifting eyes

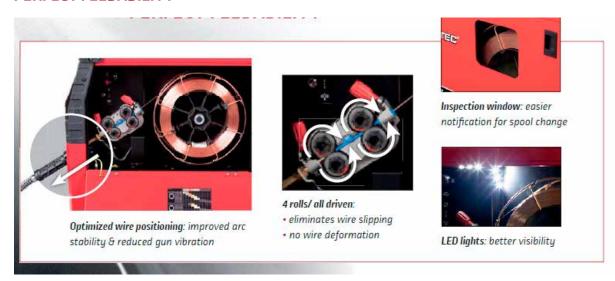
INTUITIVE NAVIGATION







PERFECT FEEDABILITY



OPTIONS & ACCESSORIES

Designation	Item Number
Protective front cover	K14174-1
Rubber bumpers	K14177-1
Polarity change kit	K14173-1
Gas heater kit	K14176-1
Flow meter kit	K14175-1

APPLICATIONS

- » On site maintenance
- » Service tasks
- » Construction site
- » General fabrication

FUNCTIONALITIES

Functionalities	Standard	Advanced
MIG Manual	1	✓
FCW Manual	1	✓
STICK mode	1	✓
Arc control	1	✓
Burn-back	1	✓
2/4 Stroke	1	✓
Run-in	1	✓
Pre- & post gas	1	✓
JOB Mode / Procedure A-B		✓
Synergy		✓
Limits / Memories / Jobs		✓
$ARCFX^TM$ – joint visualization		✓
Languages		✓
USB connection		✓
Locking function		✓
Support		✓
Work point in mm		✓

