

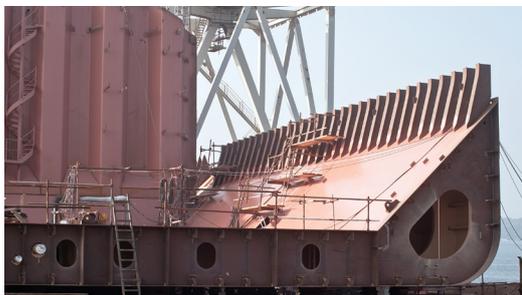
INVERTEC® 165S & 165SX

Professional Performance.
Industrial Perfection

SINGLE PHASE INVERTERS MMA

The Invertec® 165S & SX offer much more than you would expect from a welder this size. They pack the full punch of a heavyweight professional that you can take to the most demanding job sites.

Low energy consumption and high duty cycle: they are ideal for maintenance and for all professional, industrial or construction-site/shipyard applications.



Processes

Stick, TIG Scratch (165S),
Lift TIG (165SX)

Output



Input



Why INVERTEC® 165S/SX ?

- » **Exceptional performance**
High duty cycle at 40 °C
- » **Easy to use**
Hot Start function to improve the arc striking and Arc Force function to avoid electrode sticking
- » **Versatile**
welding with any coated electrode (except cellulosic) and LIFT TIG (165SX)
- » **Compatible with motor generator**
- » **Power Factor Correction (PFC) for 165SX**
PFC gives low current consumption, energy saving, low current harmonics and reduction of the total CO₂ produced by the welding process
- » **Lightweight**
less than 9 kg
- » **Handy**
thanks to the handy carrying strap

SPECIFICATIONS

Product	Item Number	Primary Voltage [50-60Hz]	Current Range (A)	Rated Output	Effective consumption (A)	Weight (kg)	Dimensions HxWxD (mm)	Protection Class
165S	K14171-1	230V/1Ph +/- 15%	5-160	160A@20% 100A@60% 80A@100%	16	7	265 x 162 x 385	IP23
165SX	K14170-1	230V/1Ph +/- 20%	10-160	160A@30% 140A@60% 120A@100%	15.3	8.2		

FRONT CONTROLS



- 1 Thermal Overload Light
- 2 Current Control
- 3 Output fitting
- 4 On/Off Switch



- 1 Thermal Overload Light
- 2 Current Control
- 3 Output fitting
- 4 MMA/LIFT TIG mode

APPLICATIONS

- » General Fabrication
- » Structural
- » Power Generation
- » Shipbuilding
- » Offshore

TO ORDER

Designation	Item Number
165S	K14171-1
165SX	K14170-1
Kit 16C25	W000260680
Kit 25C25	W000011138
TIG torch WTT2 17 V	W000278880

SELECTION

