

ADVANTAGE

- ▶ **Smart switching**
240/415V single phase
- ▶ **Lift TIG**
with excellent striking without tungsten contamination
- ▶ **Digital displays**
allows precise setting of welding current
- ▶ **Includes**
2m-input cable and carrying strap
- ▶ **Adjustable Arc Force**
for a stable arc with low spatter levels
- ▶ **Built in “hot Start”**
for excellent arc striking
- ▶ **Built-in fan on demand**
Reduces the intake of dust and fumes



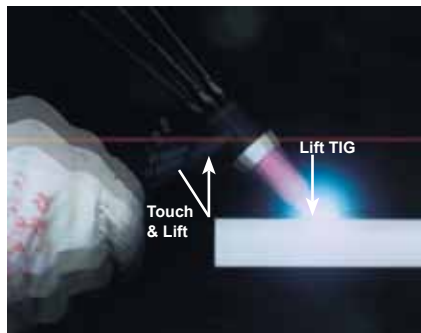
Smart switching full flexibility

The Invertec® V205-S Stick and Lift TIG welder has been designed and manufactured using the latest digital inverter technology, combining both a rugged industrial construction with excellent arc characteristics.

The single phase smart-switching 240V/415V primary input power makes it suitable for operation on site in conjunction with a generator or within a workshop environment, providing maximum flexibility.

The Invertec® V205-S as standard is equipped with an adjustable “Hot Start” providing a higher starting current to support easy striking of the electrode. The adjustable “Arc Force” allows flexibility depending on the electrode selection and application. It prevents sticking and shorting of the electrode. The standard machine is equipped with a digital meter showing the presettable welding current, actual welding current or voltage during welding.

The optional remote control allows fine adjustments during welding. The high duty cycle of the machine supports continuous welding with a wide variety of electrode types such as Rutile, Basic and even Cellulosic.



The Invertec® V205-S features “Lift TIG” as standard and enables the welder to start the TIG arc by lifting the tungsten electrode from the work piece without tungsten contamination or the need for H.F. ignition.

The Invertec® V205-S has a solid industrial construction integrated with the features of a professional Stick and Lift TIG welding machine capable of the toughest jobs.



TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Insulation Class	Compliance
V205-S	K12019-2	240/415 V 1ph (± 15%) 50/60Hz	32/20A (slow)	16.8	385 x 215 x 480	IP23S	H	EN 60974-1 ROHS CE

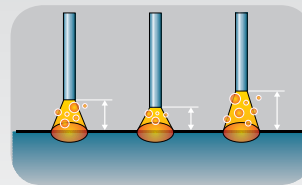
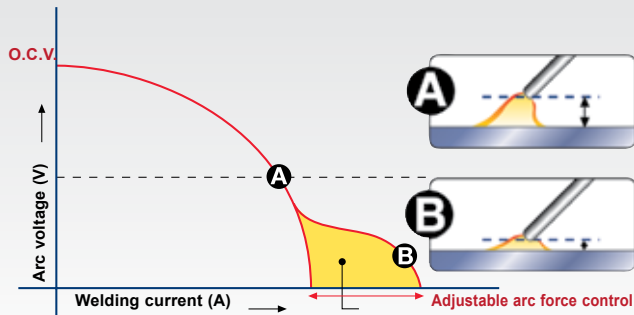
WELDING OUTPUT

Product	Current range	Rated output (40°C)	Input power
V205-S	5 - 200A	200A/28V @ 35% 170A/26.8V @ 100%	6.5kW @ 35% 5.5kW @ 100%

ACCESSORIES

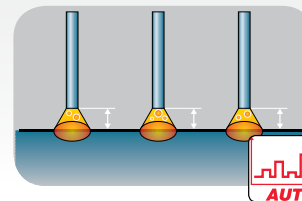
Item number	Description
KIT-250A-35-5M	Welding kit 5m
PC26FV-8I	PowerCRAFT PC26V TIG Torch 8m
LE250-RG002	Lincoln Flowmetre
W0200002	Undercarriage

ADJUSTABLE ARC FORCE



Standard Arc Force

With Standard Arc Force, the peak in welding current which prevents the electrode from sticking in the weld pool is pre-set. The fixed peak may react aggressively, causing spatter and an unstable Arc.



Auto-adaptive arc force

Auto Adaptive Arc Force measures the arc voltage continually to adapt the optimum value of Arc Force. This optimises the Arc stability without the risk of electrode sticking and minimises spatter.

**The Lincoln Electric Company
(Australia) PTY LTD**
35 Bryant Street Padstow 2211 Australia
1300 546 265 (Aus)
0800 728 720 (NZ)
www.lincolnelectric.com.au
www.lincolnelectric.co.nz

Your Lincoln Electric Distributor:

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products. Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change - This information is accurate to the best of our knowledge at the time of printing.