

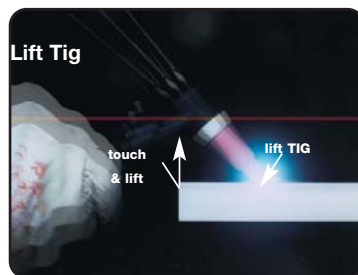


SMART SWITCHING FULL FLEXIBILITY

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 230V/400V 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” on the V205-S 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.

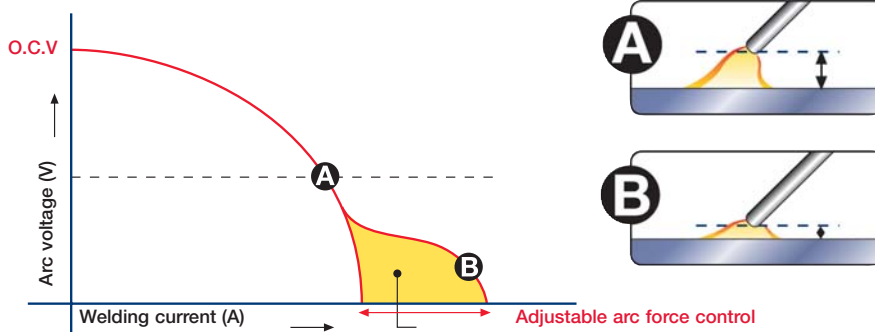
The high duty cycle of the machine supports continuous welding with a wide variety of electrode types such as Rutile, Basic and even Cellulosic.

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.

ADVANTAGES

- ✓ Single phase smart switching 230V / 400V primary input power
- ✓ Excellent arc characteristics, for a wide range of electrode types
- ✓ Maximum output of 200 amps allows the use of electrodes up to 4.0 mm
- ✓ Welding capabilities of Rutile, Basic and Cellulose electrodes
- ✓ Infinitely variable “Arc Force” and “Hot Start” features
- ✓ Features “Lift TIG” with no tungsten contamination
- ✓ Full featured and user-friendly control panel
- ✓ Digital display allows precise setting of welding current
- ✓ Lightweight and portable
- ✓ Fan on demand built-in reduces the intake of dust and fumes
- ✓ Rugged case design for portability and impact resistance
- ✓ Recessed controls and connections designed to eliminate damage
- ✓ Input voltage compensation
- ✓ Thermostatic overload protection
- ✓ Meet EN60974-1, ROHS and CE standards for safety and reliability
- ✓ Built the Lincoln way ‘RUGGED & RELIABLE
- ✓ Two Year warranty on parts and labour

ARC FORCE CONTROL



TECHNICAL SPECIFICATIONS

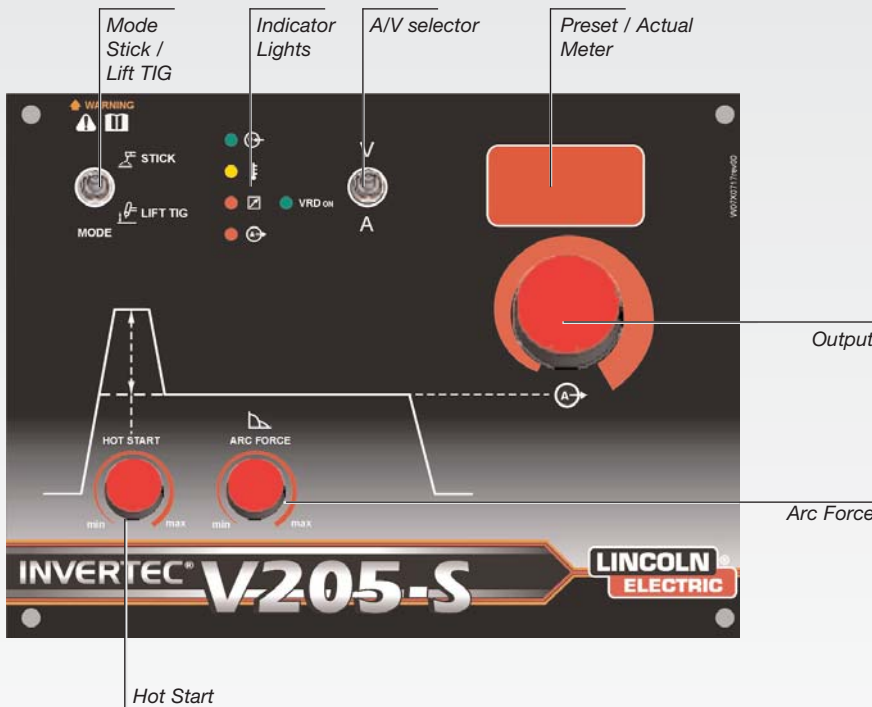
Product Name	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions H x W x D (mm)	Protection Class	Insulation Class	Compliance
Invertec® V205-S -2V	K12019-1	230/400V 1ph (+/-10%) 50/60Hz	32/20A (slow)	16.8	385x215x480	IP23S	H	EN 60974-1 / EN 50199 CE

WELDING OUTPUT

Current Range	Rated Output (40°C)	Rated Input	O.C.V.
5 - 200A	200A/28V@35% 170A/26,8V@100%	6,5kW @35% 5,5kW @100%	48Vdc

ACCESSORIES

Designation	Item number
Cable kit 200A, 25mm ² , 5m	KIT-200A-25-5M
Gas pressure regulator	Consult us
Remote output control - 15m	K10095-1-15M
TIG torch 140A@35%, LT17 GV, 4 or 8m	K10513-17-xVS
Undercarriage 2 wheels	W0200002



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