

NEW! Invertec® V205-T AC/DC

Ready-to-weld™ Package

The Invertec® V205-T AC/DC TIG is ideal for critical AC or DC TIG welding applications with Stick capabilities. Incorporating the latest inverter digital technology, the machine combines an excellent 200A @ 40% duty cycle with the portability and flexibility provided by single-phase 240/115V power requirements.

The V205-T AC/DC controller provides all the features you would expect from a professional AC/DC TIG inverter welding machine in a user-friendly layout.

Variable AC frequency allows you to focus the arc when precise arc control is required.

The 115/240V auto-reconnect makes the V205-T AC/DC truly flexible and the rugged, portable, lightweight design is ideal for shop or field environments. It can be simply changed to a water-cooled unit by adding the Coolarc 20.

The Invertec® V205-T AC/DC is a well-featured user-friendly machine that is built to last and the Ready-to-weld™ package includes everything you need to unpack and start Stick or TIG welding fast.



Advantage Lincoln

- Single Phase Auto-sensing for either 240V or 115V primary input
- Digital inverter technology allowing 100% reproducible results
- High duty cycle: 200A@40% at 40°C
- Power Factor Correction to ensure high output for aluminium welding
- Adjustable cleaning and penetration for perfect aluminium welding
- Three wave shapes for AC TIG welding - Square, Triangle and Sinusoidal
- Variable AC frequency for control of travel speed and penetration
- Full featured and user-friendly control panel layout
- Digital display allows precise setting of welding parameters
- Menu driven for easy operator setup
- Weighing only 17.6 kg, the Invertec® V205-T ACDC is both lightweight and portable
- Air-cooled or with the option of water-cooled operation
- Two-year warranty

Processes

Stick TIG

Package Includes

- Invertec® V205-TP welder
- Electrode and work return lead kit
- Powercraft™ # 26 TIG torch, 8m
- Lincoln Argon regulator
- Pack of 10 Tungsten electrodes



Options

- K870 Foot amptrol
- K857 Remote output control
- K1904-1 Coolarc® 20

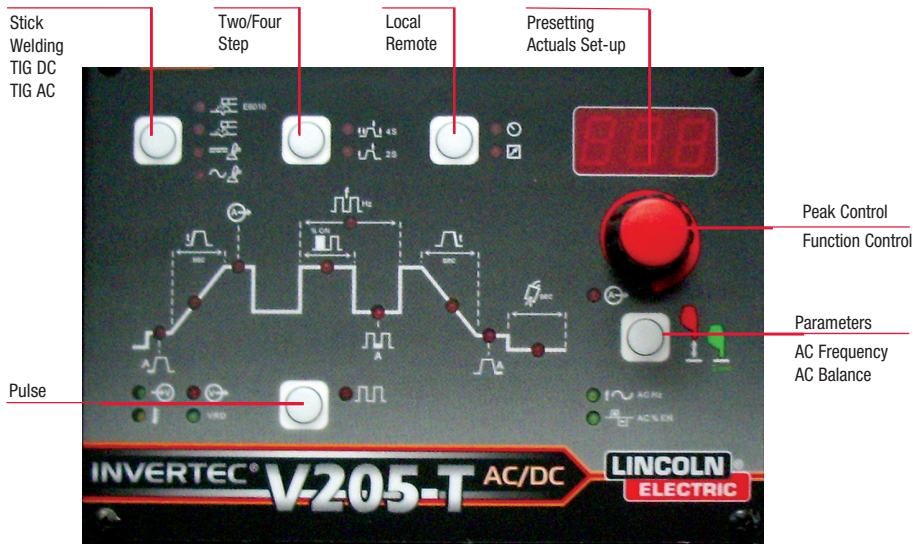
Order

V205T ACDC-PKG Invertec® V205-T AC/DC Ready-to-weld™

TECHNICAL SPECIFICATIONS

Product Name	Part Number	Input Voltage	Rated Output Current/Voltage/Duty Cycle TIG AC (40°C)	Rated Output Current/Voltage/Duty Cycle MMA DC (40°C)	Input Current @ Rated Output	Rec. Generators @ max output	Dimensions H x W x D mm	Net Weight kg
Invertec® V205-T AC/DC Ready-to-weld™	V205T ACDC-PKG	115 / 240V 1Ph	200A / 40% / 240V 150A / 35% / 115V 140A / 100% / 240V 100A / 100% / 115V	180A / 35% / 240V 110A / 35% / 115V 130A / 100% / 240V 70A / 100% / 115V	16 A (slow)	> 8kVA	380 x 210 x 480	20 KG

A CLOSER LOOK



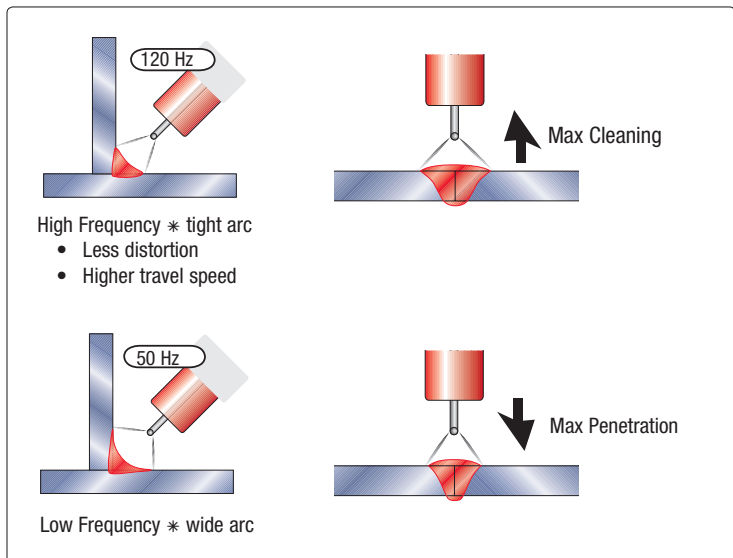
Feature	Parameter
AC Frequency	20 - 150 Hz
AC Balance	35 - 85% EN
Pulse Frequency	0.25 - 500 Hz
On time peak	5 - 95%
Background current	6 - 200 A
Up Slope Time	0 - 10 sec
Down Slope Time	0.2 - 10 sec
Post Flow Time	0.2 - 60 sec
Wave Shape	- Square - Triangle - Sinusoidal

CLEANING AND PENETRATION

A standard feature on the Invertec® V205-T AC/DC is the adjustable cleaning and penetration. This achieves the ideal balance between cleaning the aluminium surface of oxide and the penetration of the weld.

The machine operates using a square wave AC form as standard but can be set to produce either a sinusoidal or triangle wave form dependent on the welder's needs.

The machine is supplied air-cooled as standard. However, it can be easily converted to water-cooled with the addition of the Coolarc® 20 water-cooler. The addition of the Coolarc® 20 allows the machine to operate at high current with lightweight water-cooled torches. The Invertec® V205-T AC/ DC is a well featured user-friendly machine built to last.



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.

LINCOLN
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