



CastoTIG 1611

ADVANCE

TIG and MMA welding



- Exceptionally compact and portable TIG - MMA welding machine 160 A - 230 V - 6,6 kg, functions with power generators
- Ideal for mobile onsite use for construction, joining and maintenance applications
- Microprocessor controlled Inverter power source
- With robust carrying case + ground cable

CastoTIG 1611 ADVANCE

CastoTIG 1611 DC ADVANCE is an advancement of proven Castolin inverter technology. The microprocessor controlled, compact power source is specially designed for TIG welding with direct current and is also useful for Manual Metal Arc Electrode applications.



Ranges		CastoTIG 1611 DC ADVANCE
Welding current	TIG	5 - 160 A
	MMA	5 - 160 A
Gas preflow		0 - 3 s
Up-Slope		0 - 20 s
Down-Slope		0 - 20 s
Crater fill current		5 - 150 A
Gas post flow		0 - 20 s
Puls frequency		0,5 - 250 Hz

- Advantages for repair and construction work: Minimal size and weight, low energy consumption and generator-usability.
- Easy-to-use by menu guides and simple touch-panel. Clear readable digital-display for programming and status.
- The electronic high-frequency-ignition ensures perfect, contact-free ignition on all applications.
- Lift-Arc-ignition for welding in areas with sensitive electronics, e.g. control and steering systems.
- Standard-integrated pulse function for improved welding pool control especially on thin sheets.
- All parameters for professional TIG-welding are directly accessible. 2 and 4 step modes.
- Auto-Pulse for simplified adjustment during pulse welding. Set only the current, all pulse parameters follow automatically.
- Improved spot function for perfect stapling.
- Now also remote controllable. Up/down function from the torch with all up/down torches using the adapter set (ESC 769124).
- Delivered in a practical transport case including gas hose and ground cable.
- Protection class IP23S for outdoor use.
- Made in European Community.
- CE and S Approval markings for safe use.

Technical Data

Welding current range:		5 - 160 A
Welding current (TIG) at	25% ED*: 100% ED*:	160 A 100 A
Mains Voltage:		1 x 230 V / 50/60 Hz
Open Circuit Voltage	MMA: TIG:	54 V 10V
Mains fuse (slow-blow)		16 A
Mains power at 100% DC*:	TIG	2.5 kVA
Protection class:		IP 23S
Official Approvals		CE, S
Weight with mains cable		6,6 kg
Dimensions (Power source LxWxH in mm)		360 x 120 x 215

*10-min. Duty Cycle, 40 °C ambient temperature, by EN 60974-1

Accessories

Designation	ESC	Packaging unit
CastoTig 1611 DC ADVANCE	757963	1 Unit
TIG-Torch G160, 4 m	304120	1 Unit
TIG-Torch G160, 8 m	304121	1 Unit
Adapter-Set	769124	1 Unit
TIG-Torch Up/Down G220, 4 m	301153	1 Unit
TIG-Torch Up/Down G220, 8 m	301156	1 Unit
TIG-Torch Up/Down G221, 4 m	767890	1 Unit
TIG-Torch Up/Down G221, 8 m	767891	1 Unit
Pressure-reducer Argon	301669	1 Unit
Welding-cable, 4 m	301094	1 Unit