

TIG and MMA welding

CastoTIG 1611 DC

*Stronger, with
Castolin Eutectic*



- Exceptionally compact and portable TIG - MMA welding machine
160 A - 230 V - 5,7 kg
- Also functions with power generators
- Microprocessor controlled Inverter power source
- Ideal for mobile onsite use for construction, joining and maintenance applications

WEAR & FUSION TECHNOLOGY



WELDING

CastoTIG 1611 DC – TIG welding perfection

CastoTIG 1611 DC 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.

- Advantages for repair and construction work : Minimal size and weight, low energy consumption and generator-usability.
- Versatile working on small parts and extra flexibility due to the G 160-torch.
- 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.
- CE and S Approval markings for safe use.



PART NUMBERS

CastoTig 1611 DC:	757 963
TIG-Torch G160, 4 m:	304 120
TIG-Torch G160, 8 m:	304 121
Pressure-reducer Argon:	301669
Earth-cable, 3 m:	300 789
Welding-cable, 4 m:	301 094

RANGES

Welding current (TIG):	5 - 160 A
Welding current (MMA):	0 - 150 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

Technical data

Welding current range:	5 - 160 A
Welding current (TIG) at	25% ED*: 160 A
	100% ED*: 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	5,7 kg
Dimensions (mm)	360 (L) x 120 (B) x 215 (H)

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



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