



CastoTIG

Lightweight and Portable

Welding

1801 DC - 1802 AC/DC 2301 DC - 2302 AC/DC

- the lightest unit in its class
- full colour, robust screen, suitable for workshops
- ventilation tunnel: This protects electronic components from dirt
- job memory: Up to 99 jobs can be stored
- can operate with a generator
- 230 A units with PFC
- choose direct or alternating current versions

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The mobile TIG welding units set new standards

The state-of-the-art CastoTIG welding equipment is the mobile solution for all welding work in the craft and industry sectors. Fitted with cutting edge technologies, CastoTIG inverter units provide excellent quality welded joints with a perfect visual finish. The TIG welding equipment provides an optimum arc for each application. This is the case regardless of whether you are working on stainless steel, aluminium, steel, copper or titanium parts.

Aside from quality requirements, assembly and maintenance work present exacting demands with regards to the portability of welding equipment and its operation. The new Castolin inverter, weighing from as little as 7.2 kg, is the lightest welding unit in its power range and meets all the aforementioned practical expectations.

Intuitive operation for optimum TIG welding

The user-friendliness of these welding units and the synoptic design of the screen play a major role in TIG welding efficiency. CastoTIG meets these requirements with the intelligent design of its screen.

Lightweight, robust and user-friendly

Its robust design also includes the pilot encoder, specifically designed for rough use. The screen and encoder are equipped with reliable impact protection which protect the electronic components located behind them. The encapsulated electronics zone of the TIG inverter also optimises protection of electronic items and reliably protects sensitive electronic components from dust in the air.



TECHNICAL DETAILS	CastoTIG 1801 DC	CastoTIG 1802 AC/DC	CastoTIG 2301 DC	CastoTIG 2302 AC/DC
ESC	767450	767451	767452	767453
TIG adjustment range	4 – 180 A	4 – 180 A	4 – 230 A	4 – 230 A
Duty Cycle (DC) with I _{máx.} (10 min.) at 40 °C TIG	40 %	40 %	35 %	35 %
Welding current at 100% Duty Cycle at 40 °C TIG	140 A	140 A	160 A	160 A
Fuse (slow acting)	16 A	16 A	16 A	16 A
Protection class	IP 23 S	IP 23 S	IP 23 S	IP 23 S
Power factor	0.98 cos phi	0.98 cos phi	0.98 cos phi	0.98 cos phi
Mains voltage	1 x 230 V	1 x 230 V	1 x 230 V	1 x 230 V
Mains frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Torch control plug socket	19 poles	19 poles	19 poles	19 poles
Weld cable socket	13 mm	13 mm	13 mm	13 mm
Dimensions in mm (length x width x height)	480 x 160 x 320	480 x 160 x 320	480 x 160 x 320	480 x 160 x 320
Weight	7,2 kg	7,4 kg	7,9 kg	8,1 kg
COOLING 2300				
Weight	-	-	8,0 kg	
Dimensions in mm (length x width x height)	-	-	490 x 220 x 230	

Also ask about the appropriate ACCESSORIES and TORCHES	
Description	ESC
Earth cable, 3 m, 16 mm ²	300624
MMA welding cable, 4 m, 16 mm ²	304058
Pressure reducer, Ar/CO ₂	301669
Adapter cable, 19 poles / 7 poles	767462
Y cable, 19 poles / 2 x 19 poles	767460
Foot remote control, incl. 5 m cable	767459
Cooling 2300	767457
Coolant liquid, 5 l	304450
Trolley	307615

Description	4 m	8 m
TORCH G221 UD/D 19P	767890	767891
TORCH W221 UD/D 7P	767892	767893
TORCH G220 UD/D 7P	301153*	301156*
TORCH W400 UD/D 7P	500264*	500265*

* with adapter ESC 767462