

Revenge ET 230iP AC/DC

Advanced features, delivered simply



Revenge ET 230iP Air Cooled (Left) and Water Cooled (Right) Setups

Industry

- Light Fabrication
- Pipe Construction
- Repair & Maintenance
- Aerospace
- Training Schools
- Industrial & General Fabrication
- Chemical industry
- Steel Erectors

Revenge ET 230iP AC/DC is a portable, high quality, professional AC/DC TIG welder with extended parameter options to excel at everyday aluminium, stainless steel and carbon steel welding.

An intuitive graphical user interface with a 5-inch colour display brings new functionality for quick and easy adjustments. The machine can tackle a wide range of thicknesses including very thin plates.

Customizable waveshapes (square, soft square, sinusoidal, triangle) enables optimized heat input for high penetration on thicker metals and low distortion on thin sheets. Pulsing capabilities in both DC and AC TIG offer enhanced weld puddle control allowing the welder to further tailor the arc for multiple applications. TIG arc starts are crafted for optimum performance based on selected tungsten electrode diameter and type.

Durable housing design combines robustness and functionality with multiple lift points for easy manoeuvrability in both workshop and field applications.

- Various AC/DC waveforms (square, soft square, sinusoidal, triangle) for optimal energy transfer
- TIG AC and DC pulse up to 200 Hz for increased control of heat input and weld pool.
- Built-in PFC circuit ensures a stable arc, even with extra-long input cables, up to 100 m
- New CoolMini 3 water-cooler for lightweight TIG torches
- High visibility intuitive 5-inch colour screen interface reduces downtime and improves accuracy
- Dual-current mode switches between two output current levels to control the heat input and the size of the weld pool
- Easy access to saved jobs by torch trigger
- Modular system with tool-less connection to trolley
- New Exeor TIG torch available (included with Water Cooled plant).

Visit **esab.com** for more information.



Optional remote control

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Specifications		
Model	Revenge ET 230iP AC/DC	
Mains Voltage	115/230 VAC $\pm$ 15%, 1 PH, 50/60 Hz	
Fuse Slow	16A	
Rated KVA	3.3 KVA (115 VAC) 6 KVA (230 VAC)	
Energy Save Mode	<30 W	
Welding Output MMA	115 VAC: 90A / 23.6V at 30% 64A / 22.5V at 60% 49.3A / 22V at 100%	230 VAC: 180A / 27.2V at 30% 127A / 25V at 60% 99A / 23.9V at 100%
Welding Output TIG	115 VAC: 125A / 15V at 30% 88.4A / 13.5V at 60% 68.5A / 12.7V at 100%	230 VAC: 230A / 19.2V at 30% 163A / 16.5V at 60% 126A / 15V at 100%
Setting Range MMA	115 VAC MMA: 10A / 20.4V – 90A / 23.6V 230 VAC MMA: 10A / 20.4V - 180A / 27.2V	
Setting Range TIG DC	115 VAC TIG: 5A / 10.2V - 125A / 15V 230 VAC TIG: 5A / 10.2V – 230A / 19.2V	
Setting Range TIG AC	115 VAC TIG: 15A / 10.6V - 125A / 15V 230 VAC TIG: 15A / 10.6V – 230A / 19.2V	
Power Factor Max Current	99 %	
Open Circuit VDC High	68 VDC / 10VDC with VRD activated (default setting)	
Enclosure Class	IP23S	
Operating Temperature	-10 to +40 °C (+14 to +104 °F)	
Dimensions	460 x 210 x 380 mm	
Supply Plug	15A	
Weight	19 kg	

Ordering Information	
Revenge ET 230iP AC/DC	E479700230
Revenge ET 230iP AC/DC Water Cooled	E479800230

Delivery includes:

Revenge ET 230iP ACDC: power source, work lead 3 m, ESAB 26F 8m TIG Torch, gas hose 4 m, Dual Flowmeter Regulator

Revenge ET 230iP ACDC Water Cooled: power source, cooling unit CoolMini 3, work lead 3 m, Exeor TIG SR 21FX-R torch 8 m, gas hose 4 m, Dual Flowmeter Regulator

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Options and accessories	
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm ² , 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
Trolley 2-wheel	0460330883
CoolMini 3 – water cooler	0448040880
ESAB 26F 4 m TIG Torch	0464691002
ESAB 26F 8 m TIG Torch	0464691003
Exeor TIG SR 17 Torch, Air , 4 m	0700026220
Exeor TIG SR 17 Torch, Air , 8 m	0700026221
Exeor TIG SR 17-R Torch, Air , 4 m	0700026234
Exeor TIG SR 17-R Torch, Air , 8 m	0700026235
Exeor TIG SR 21 Torch, Water, 4 m	0700026290
Exeor TIG SR 21 Torch, Water, 8 m	0700026291
Exeor TIG SR 21-R Torch, Water, 4 m	0700026294
Exeor TIG SR 21-R Torch, Water, 8 m	0700026295
Exeor TIG SR 21FX-R Torch, Water, 4 m	0700026296
Exeor TIG SR 21FX-R Torch, Water, 8 m	0700026297



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