STICK (SMAW) WELDER , EXTREME 160 III

APPLICATIONS
- Outside and work- shop welding job
- Small maintaince
- Light construction
- Repair
- Hobby
- DIY
- Light metal fabrication

APPLIED MATERIAL
- Carbon Steels
- Stainless Steels
- Low - Alloy Steels
- Aluminium & Alloys

Single Phase (230 V ;+/- %20) 160 Ampere real output current with that controlled perfectly with new generation IGBT Inverter Technology.

High performance with real efficiency in small, compact and lightweight design.

Ideally suited for internal & external critical welding operations to get quality welds.

Precise output control , stable arc ideal weld bead appearance without spatter.

LIGHT APPLICATIONS

EQUIPMENT REQUIREMENTS

- Portable; to be able to use the machine everywhere.
- Low input voltage (230V-1ph) to connect .
- Excellent welding characteristics and user friendly features .
- Low and medium amperage, to weld with max. 4mm stick electrode.

STICK ELECTRODE

- All position
- Easy to use.
- Smooth Weld.

THE SOLUTION; EXTREME 160 III

- Inverter technology, compact , lightweight and portable!

WEIGHT 3 KG.

- Built in Anti-Sticking, Hot Start

ANTI STICKING

HOT START

HOT-START

Hot-Start makes it easier to start difficult-to-start electrodes and used for arc starting only. With this feature will be a solution for arc ignition problems especially when welding on dirty or rusty parts and when using electrodes with moisture coating.

ANTI-STICKING

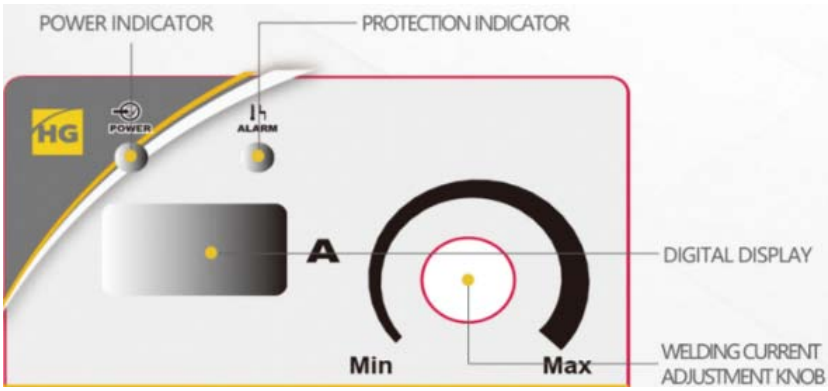
Excellent feature for not sticking the electrode to the work-piece. It serves as a safety device in protecting the operator. This electronic device minimizes the short circuit current in the event of the electrode sticking to the work piece for a prolonged period.

-Excellent arc chracterics with E 6013 Rutile and E7018 Basic type electrodes in diameters of 1.6 mm to 4 mm.

- Ideal for welding; of carbon steels, low-alloy steels and stainless steels

- Safety ; Equipped with Voltage and Thermal Protection that improve reliability

- Easy to use and user friendly control panel and setup

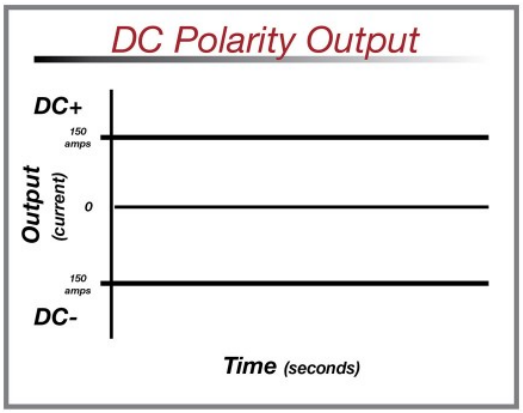


Digital Welding Current Display

Stepless Welding Current Adjustment Knob

Power and Thermal Protection Led Indicators

MODEL	Input Voltage	Welding Current Adjustment Range (A)	Rated Output (A) (20 C) / (40 C)	Anti-Sticking	Hot-Start	Electrode Diameter (mm)	Rated Open Circuit Voltage (V)
EXTREM E 160III	230V-1Ph	20-160	40% / 20 % @ 160	Built-In	Built-In	1.6-4.0	68



AWS A5.1 Carbon Steel Electrodes for SMAW

E 6 0 1 0
- Electrode
- Min. Tensile (in ksi)
- Position
- Type of Coating and Current

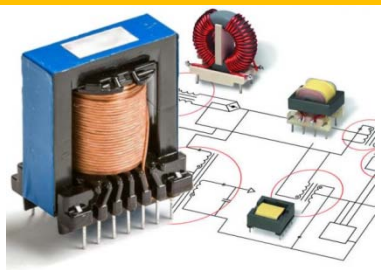
Key to Type of SMAW Coating and Current

Digit	Type of Coating	Current
0	High Cellulose Sodium	DC+
1	High Cellulose Potassium	AC, DC±
2	High Titania Sodium	AC, DC-
3	High Titania Potassium	AC, DC±
4	Iron Power, Titania	AC, DC±
5	Low Hydrogen Sodium	DC+
6	Low Hydrogen Potassium	AC, DC+
7	High Iron Oxide, Iron Powder	AC, DC±
8	Low Hydrogen Potassium, Iron Powder	AC, DC±

Precise real 160 A output control , stable arc ideal weld bead appearance without spatter with all positions.

TECHNOLOGY AND COMPONENTS

Designed Copper Transformers



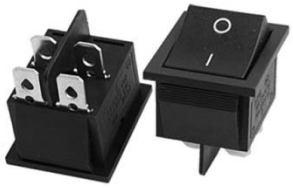
New Generation Inverter PCB Board

Superior Quality IGBT

CE Certificated Powerful Fan

High Quality Steeples Knob

CE Certificated Switch



CE Certificated Euro Type Quick Connectors

Aluminum Heat - Sinks

Precise Design and Control

CE Certificated Capacitors


Steel Made , Robust and Compact Main Structure for Tough Conditions
Ergonomic and Adjustable Shoulder Carrying Belt
Easy to Use Full Functional Control Panel
Compact & Lightweight
Digital Current Display
Patented Design
Euro Type. Quick Connectors
Designed 4 Cooling Channels For Perfect Air Circulation
HG HUGONG
Extreme 160III