

SANARG 160P

DC TIG Welding



Tough, Compact & Light Weight.

Excellent Performance! Embedded microprocessor with digital controls, delivering full Constant Current output with perfectly smooth, stable arc characteristics for TIG and Stick electrodes, E6010 Cellulose and low hydrogen electrodes.

Primary Smart Switch! Prevents damage to the internal components if installed to improper voltage. Multi voltage 120/208-240 1 phase providing maximum flexibility.

Thermal Overload Protection! Indicator alerts the operator if duty cycle is exceeded or airflow is blocked.

Remote 8 pin Receptacle Fitted! Makes compatibility of SanRex, competitive remote devices simple.

Excellent Portability! Lightweight, less than 20 lbs.

IP23S! Suitable for outdoor use.

Digital Meters! Voltage and Amperage: Preview and Hold capability.

Heat sensing fan! Operates as needed to cool components & reduce airborne contaminants pulled through the power source.

Easy to use! Simple, user friendly set-up and operation.

Smart Warning Diagnostics! Alerts operator to power supply abnormalities.

Standards Compliant Integrated VRD!

Voltage Reduction Device reduces the OCV when the power supply is not in use. This all but eliminates the risk of electrocution to the operator from the secondary welding circuit.

Job Save & Load! Allows operator to store up to 5 exact optimized welding parameters then digitally recall them with perfect repeatability.

Lift Start TIG! Provides TIG arc starting without use of high frequency.

HF Start TIG! Provides non-contact arc starting that eliminates tungsten or material contamination.

Dinse Twist Lock Output Terminals! Allow for easy polarity changing and cable connection.

Stable @ 1 Amp! Perfectly Smooth, Stable TIG Arc down to 1 Amp.

Warranty! 3 Years.

Quick Specifications
Processes DC STICK (SMAW) DC TIG (GTAW) Lift, HF & Pulse
Fabrication, Aerospace, Food/ Beverage, Contractors, Installation/ Repair, Dairy Industry.
Input Voltage 120/208-240 VAC 1Phase
Input Frequency 50/60 Hz
Rated Output @ Duty Cycle 85A/23V @ 100% (120V) 160A/26V @ 35% (240V)
Max OCV 65 VDC
Weight 17.6 lb (8 kg)
Dimensions 10.2 x 5.1 x 12.6" (260 x 130 x 320 mm)
Package Includes
SANARG 160P Power Cord 2 ea Dinse 50mm plugs
Order Information
Part No: ID-1600TP-U1E Description: SANARG 160P



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SANARG 160P
Form No.:010720160P

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Features

Recessed Control Panel
Simple to use operator interface with protective cover.

Flow Through Cooling
Heat Sensing Fan.

Output Terminals
Dinse Twist Lock.



IP23S Design
For Outdoor Use..

8 Pin Remote Receptacle
Easy to connect.

Heavy Duty Case
ABS High Density Plastic.

Ordering Information

Product	Part Number	Description
SANARG 160P	ID-1600TP-U1E	Power Supply includes 2 ea Dinse Plugs & 10ft. Primary Cable.

Accessories

STICK Kit	160P-SK	13' work cable, 13' Electrode cable
	160P-ACTK	Includes regulator/flowmeter with 12.5' gas hose, 12.5' 125 Amp Gas cooled TIG torch, accessory kit, 13' work cable, 13' Electrode cable, 15' foot control.
	FC1002 - 15ft. FC1003 - 25ft.	Contactor On/Off and Current control with 15ft or 25ft. Cable and 8 pin male plug.
	RC1003 - 15ft. RC1004 - 28ft.	Remote amperage controls provide welding power source contactor on-off, activate gas and/or water solenoids and provide full range current output control. Handle styles include Velcro® straps where one size fits all handle diameters or built into the handle as original equipment.
Carry Case	CC0002	Black Plastic Carry case with Handles.