

# SANARG 160P

## DC TIG Welding



## Tough, Compact and 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 208-230/460 1 or 3 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.

### 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

**3 Year Warranty**

# SanRex

Customer Care  
Tel: 516-625-1313  
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www.sanrexwelding.com  
SANARG 160P  
Form No.:102818160P

# SANARG 160P

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### Features



### 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
 Air cooled TIG Kit	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.
 Foot Control 8 Pin	FC1002 - 15ft. FC1003 - 25ft.	Contactor On/Off and Current control with 15ft or 25ft. Cable and 8 pin male plug.
 Torch Controls 8 Pin	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.

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