

Red-D-Arc Welderrentals

When you're ready to weld.

Red-D-Arc Welderrentals is North America's leading provider of rental welding products and services, with over 30,000 units in a fleet that includes welders, welding positioners and other welding-related equipment, for almost any type of welding process and application.



275 AMP DC CC INVERTER WELDER

EXTREME-DUTY SPECIFICATIONS

STICK, DC TIG with TOUCH-START

ES275i 4PAK and 8PAK MULTIOPERATOR

ES275i Inverter Welder



1-866-733-3272

Rental Centers Across North America

ES275i Inverter Welder

Processes

Stick, DC TIG with Touch-Start

Description

275 amp @35% duty cycle, constant current, DC, inverter welder with both single- and three-phase, 50/60 Hz voltage input. Outstanding E6010 and E7018 performance using up to 7/32" diameter electrodes that enables both whip or drag techniques. Standard features include Hot Start, adjustable Arc Force, full Remote Control capability and Extreme-Duty construction.

Voltage Input

Individual Welders: 208/230/460/575/1/3/60, 220/380/400/415/440/1/3/50
4Pak and 8Pak Multioperator with DP120 Panel: 460/575/3/60

Features

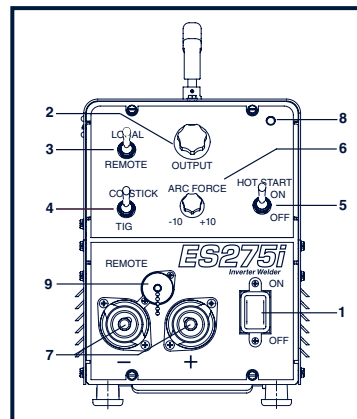
- Touch-Start TIG allows DC TIG welding without high-frequency starting
- Adjustable Arc Force and Hot Start switch for enhanced welding control
- Potentiometer-type remote control
- Light-weight and compact design
- No single-phase de-rating
- Meets IP23S environmental rating
- Extreme-Duty environmental protection
- Manufactured under ISO 9001 certification
- Paks are compact enough to fit through a 36" wide pedestrian door
- Tweco style output terminals
- 10' long, 8 AWG input cord for all 3 phase voltages
- Optional Primary Ground Connector Available for Paks



Specifications

DC AMPERAGE RANGE	5 - 275 A Stick/TIG
CONSTANT OCV	70 VDC
RATED CC OUTPUT	200 A at 28 VDC, 100% duty cycle 250 A at 30 VDC, 60% duty cycle 275 A at 31 VDC, 35% duty cycle
WEIGHTS (with cord)	lb (kg)
ES275i	54.5 (24.7)
ES275i 4Pak	480 (217.7)
ES275i 8Pak	987 (447.7)
DIMENSIONS	H x W x D inches (mm)
ES275i	13.6 (345) x 9.0 (229) x 20.25 (514)
ES275i 4Pak	44.5 (1130) x 31 (787) x 35.75 (908)
ES275i 8Pak	46.75 (1187) x 60 (1524) x 27.50 (699)
INPUT VOLTAGES	
ES275i	208/230/460/575/1/3/60, 220/380/400/415/440/1/3/50
4Pak and 8Pak	460/575/3/60
OPERATOR MANUALS	IM803, IM803B
SERVICE MANUAL	NA
TECHNICAL MANUAL	NA
PARTS MANUAL	P477 (RDA)

Control Panel



1. Power Switch
2. Output Control
3. Local Remote Switch
4. Mode Switch
5. Hot Start
6. Arc Force
7. Output Terminals
8. Thermal Shutdown Indicator
9. 3-Pin Remote Control

Arc Force Control

