

# Red-D-Arc Welderrentals

When you're ready to weld.

Red-D-Arc Welderrentals, an Airgas company, is North America's leading provider of rental welding products and services, with over 50,000 units in a fleet that includes welders, welding positioners and other welding-related equipment, for almost any type of welding process and application.



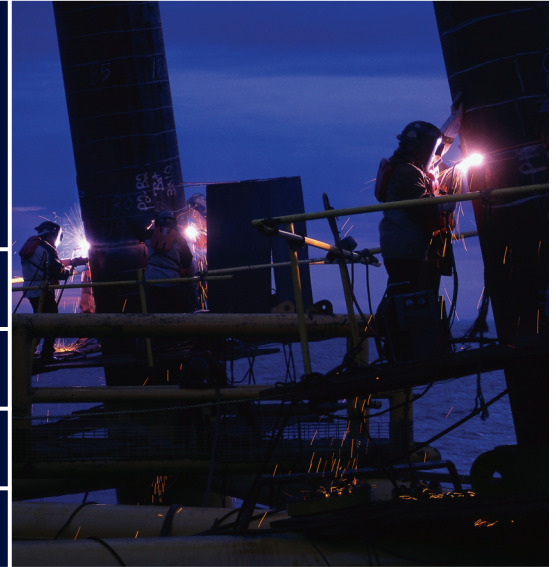
275 AMP DC CC INVERTER WELDER

EXTREME-DUTY SPECIFICATIONS

STICK, DC TIG with TOUCH-START

ES275i 4PAK and 8PAK MULTIOPERATOR

## ES275i Inverter Welder



**Airgas**

**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

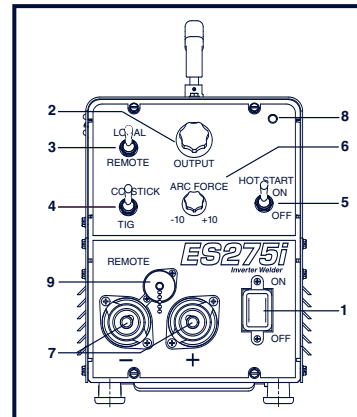
- Touch-Start TIG allows DC TIG welding without high-frequency starting
- Adjustable Arc Force and Hot Start switch for enhanced welding control
- Potentiometer-type remote control
- Light-weight and compact design
- No single-phase de-rating
- Meets IP23S environmental rating
- Extreme-Duty environmental 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

