

TECHNICAL SPECIFICATIONS

125 Amp units (K2479-1, K2513-1, K2696-1, K2699-1, K2785-1)

INPUT – SINGLE PHASE ONLY	
Standard Voltage/Frequency 120 V / 60 Hz	Input Current 20 Amps @ rated output

RATED OUTPUT		
Duty Cycle 20% Duty Cycle	Current 90 Amps	Voltage at Rated Amperes 19

OUTPUT		
Welding Current Range 30-125 Amps	Maximum-Open Circuit Voltage 33 V	Wire Speed Range 50 - 500 in/min. (1.3 - 12.7 m/min.)

RECOMMENDED INPUT CABLE AND FUSE SIZES			
Input Voltage / Frequency 120V 60Hz	Fuse or Breaker Size^{1,2} 20 Amp	Input Amps 20	
Power Cord 15 Amp, 125 V, Three Prong Plug (NEMA Type 5-15P)	Extension Cord 3 Conductor # 12 AWG (4mm ²) or Larger up to 50 ft.(15.2m)		

PHYSICAL DIMENSIONS			
Height 13.7 in. 347 mm	Width 10.15 in. 258 mm	Depth 17.9 in. 454 mm	Weight 49.5 lbs. 22.5 kg.

140 Amp units (K2480-1, K2514-1, K2658-1, K2697-1)

INPUT – SINGLE PHASE ONLY	
Standard Voltage/Frequency 120 V / 60 Hz	Input Current 20 Amps @ rated output

RATED OUTPUT		
Duty Cycle 20% Duty Cycle	Current 90 Amps	Voltage at Rated Amperes 19.5

OUTPUT		
Welding Current Range 30-140 Amps	Maximum-Open Circuit Voltage 33 V	Wire Speed Range 50 - 500 in/min. (1.3 - 12.7 m/min.)

RECOMMENDED INPUT CABLE AND FUSE SIZES			
Input Voltage / Frequency 120V 60Hz	Fuse or Breaker Size^{1,2} 20 Amp	Input Amps 20	
Power Cord 15 Amp, 125 V, Three Prong Plug (NEMA Type 5-15P)	Extension Cord 3 Conductor # 12 AWG (4mm ²) or Larger up to 50 ft.(15.2m)		

PHYSICAL DIMENSIONS			
Height 13.7 in. 347 mm	Width 10.15 in. 258 mm	Depth 17.9 in. 454 mm	Weight 49.5 lbs. 22.5 kg.

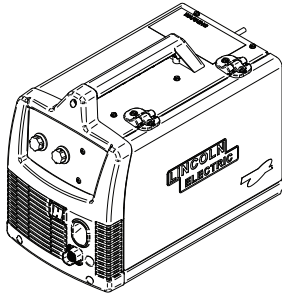
¹ If connected to a circuit protected by fuses use Time Delay Fuse marked "D".

² Requirements For Maximum Output

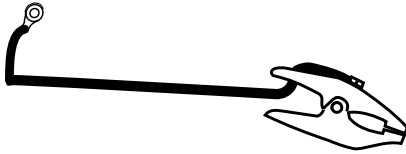
In order to utilize the maximum output capability of the machine, a branch circuit capable of 25 amps at 120 volts, 60 Hertz is required.

IDENTIFY AND LOCATE COMPONENTS for 125 AMP UNIT

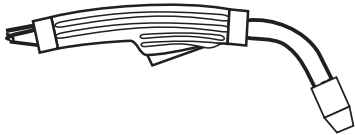
- Wire Feeder Welder



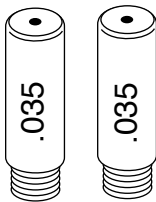
- Work Cable & Clamp



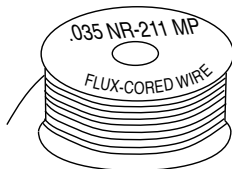
- Magnum 100L Welding Gun



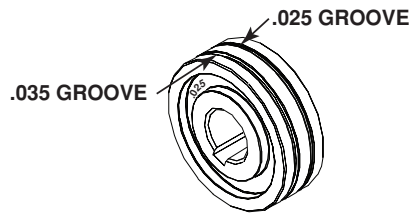
- (3) .035" (0.9mm) Contact Tips (1 installed on the welding gun)



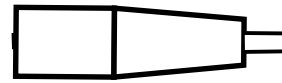
- Spool of .035" (0.9mm) diameter NR-211MP Innershield Flux-cored Wire



- .025" - .035" (0.6mm-0.8mm) Dual Groove Drive Roll (Factory installed .035" (0.9mm) groove ready for flux-cored process)



- Black Gun Nozzle (Installed on Welding Gun)

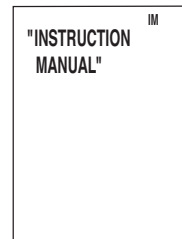
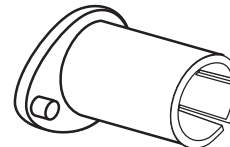


- 2" (51mm) Spindle Adapter (For 8" (203mm) reel of wire)

- Instruction Manual

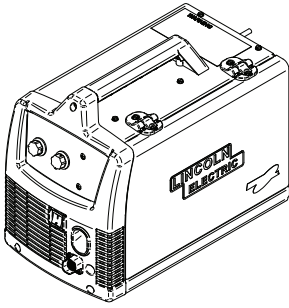
- How to Weld "DVD"

2" SPINDLE ADAPTER (FOR 8" REEL OF WIRE)

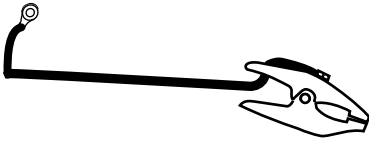


IDENTIFY AND LOCATE COMPONENTS for 140 AMP UNIT

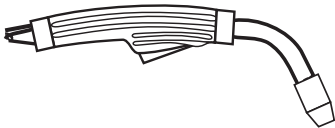
- Wire Feeder Welder



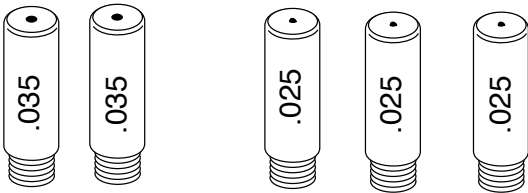
- Work Cable & Clamp



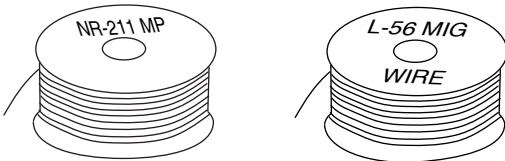
- Magnum 100L Welding Gun



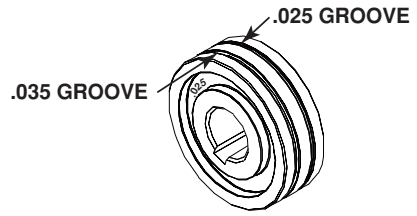
- (3) .035" (0.9mm) Contact Tips (1 installed on the welding gun).
- (3) .025" (0.6mm) Contact Tips



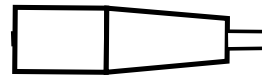
- Spool of .035" (0.9mm) diameter NR-211MP Innershield Flux-cored Wire
- Spool of .025" (0.6mm) diameter Super Arc L-56 MIG Wire



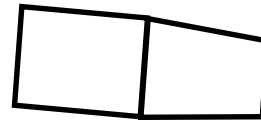
- .025" - .035" (0.6mm-0.8mm) Dual Groove Drive Roll (Factory installed .035" (0.9mm) groove ready for flux-cored process).



- Black Gun Nozzle (Installed on Welding Gun)



- Brass MIG Gun Nozzle for MIG welding



- 2" (51mm) Spindle Adapter for 8" (203mm) reel of wire.
- Regulator
- Gas Hose
- Instruction Manual
- How to Weld "DVD"

