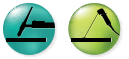


# Forney® 220 AC/DC WELDER



<b>ITEM# 420*</b> <b>ITEM# 421**</b> <b>SPECS</b>	<b>APPLICATIONS:</b> Light Industrial Automotive Farm / Home Maintenance & Repair	<b>PROCESS:</b> Stick (SMAW) AC TIG (GTAW) DC TIG (GTAW) Pulse TIG  <b>INPUT VOLTAGE:</b> 110-120V / 208-240V	<b>AMPERAGE RANGE:</b> Stick - 10A-170A TIG - 5A-200A	<b>WELDING CAPACITY:</b> Up to 1/2" mild / stainless steel Up to 1/4" aluminum  <b>WEIGHT:</b> 54 lbs. (24,54 kg)
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ITEM# 420\*, 421\*\*

### INCLUDES:

- 220 AC/DC Power Source
- Electrode Holder w/Cable and Connector
- Ground Clamp w/Cable and Connector
- Flow Meter Regulator w/Hose
- 120V to 240V Adapter
- Spare Consumables
- Forney Expert-Tech™ Tool
- \*ITEM# 420 Forney® 220 AC/DC includes 7 Pin Foot Pedal and 17F TIG Torch 12.5'
- \*\*ITEM# 421 Forney® 220 AC/DC includes Amprol™ TIG Torch

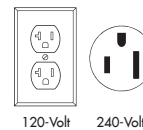
**Pulse Welding Capable:** Pulses from .1 to 30 pulses per-second, you will have complete control of your welds.

**AC Frequency Control:** Allows you to control your penetration and bead profile while welding aluminum.

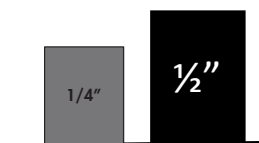
**AC Balance Control:** Allows you to control the amount of oxide removal required for high quality aluminum welds.

**Intuitive Controls:** Easy to understand controls allow beginner and professional welders a faster parameter set-up.

**Large Control Knobs:** No more taking off your gloves to make adjustments. Feedback controls allows you to feel the adjustments as you make them.



**Dual-Voltage:** Operates on 120V and 240V input power.



**Weld Capacity:**  
 1/4" Aluminum  
 1/2" Mild/Stainless Steel



**Temperature Controlled Fan:** Helps reduce dust particles from entering machine, cuts down on noise and saves money on energy.



**Pro-Grip 17F Hand Amprol™:** Control is at your fingertips now! The new Pro-Grip allows for arc initiation and amperage control right at the torch. Available alone or part of ITEM# 421.

SP® CC/DC/1ph

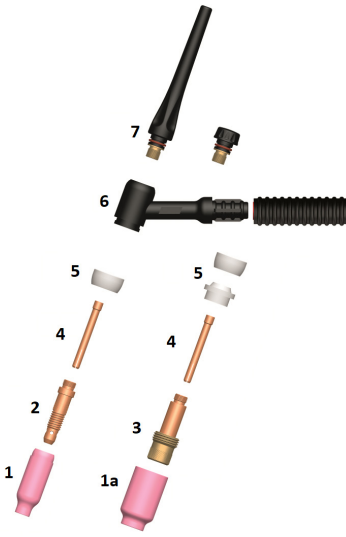


**FORNEY INDUSTRIES**

2057 VERMONT DRIVE, FORT COLLINS, COLORADO 80525  
 1-800-521-6038 • FORNEYIND.COM

Amperage Range	Rated Output	Input Amperage at 60 Hz	Filler Metal Types	Electrode Diameters	Dimensions	Weight
<b>Stick (SMAW)</b>		120V @ 24.8A	Mild Steel Cast Iron Stainless Steel Aluminum	Stick: 1/16" (1.6mm) to 5/32" (4.0mm) TIG: .040" (1.0mm) to 1/8" (3.2mm)	H: 15.5" (393,7mm) L: 23.25" (263,53mm) W: 10.375" (590,55mm)	54 lbs. (24,54 kg)
120V: 10A - 80A 230V: 10A - 170A	120V: 25% @ 80A 230V: 25% @ 170A					
<b>TIG (GTAW) - DC</b>		230V @ 32A				
120V: 5A - 80A 230V: 5A - 200A	120V: 25% @ 120A (AC) 120V: 25% @ 130A (DC) 230V: 25% @ 200A					

**CONSUMABLES:**



Number	ITEM#	Industry#	Description	Number	ITEM#	Industry#	Description	
1	100817	10N50	#4 1/4" Alumina Nozzle (10/bx)	3	100964	45V24	.040" Gas Lens Collet Bag (2/bag)	
	100825	10N49	#5 5/16" Alumina Nozzle (10/bx)		100965	45V25	1/16" Gas Lens Collet Bag (2/bag)	
	100824	10N48	#6 3/8" Alumina Nozzle (10/bx)		100966	45V26	3/32" Gas Lens Collet Bag (2/bag)	
	100823	10N47	#7 7/16" Alumina Nozzle (10/bx)		100967	45V27	1/8" Gas Lens Collet Bag (2/bag)	
	100822	10N46	#8 1/2" Alumina Nozzle (10/bx)		4	100808	10N22	.040" Collet (5/bag)
	100821	10N45	#10 5/8" Alumina Nozzle (10/bx)			100809	10N23	1/16" Collet (5/bag)
	100820	10N55	#12 3/4" Alumina Nozzle (10/bx)			100810	10N24	3/32" Collet (5/bag)
			100811	10N25		1/8" Collet (5/bag)		
1a	101013	54N18	#4 1/4" Gas Lens Alumina Nozzle (10/bx)	5	100880	18CG	Nozzle Gasket (5/bag)	
	101012	54N17	#5 5/16" Gas Lens Alumina Nozzle (10/bx)		100917	3GHS	Nozzle Gasket Gas Lens (5/bag)	
	101011	54N16	#6 3/8" Gas Lens Alumina Nozzle (10/bx)		6	100859	17F	Torch Body, 150A Flexible Neck
	101010	54N15	#7 7/16" Gas Lens Alumina Nozzle (10/bx)			101025	57Y04	Back Cap, Short
	101009	54N14	#8 1/2" Gas Lens Alumina Nozzle (10/bx)		7	100919	300M	Back Cap, Medium
2	100817	10N30	.040" Collet Body (5/bag)	101022		57Y02	Back Cap, Long	
	100818	10N31	1/16" Collet Body (5/bag)	Replacement Torch		85658	WP17FX12.5	TIG torch, 150A x 12.5' long with dins connector
	100819	10N32	3/32" Collet Body (5/bag)					
	100815	10N28	1/8" Collet Body (5/bag)					

**ACCESSORIES:**



**ITEM# 55935**  
Forney PRO Black Matte ADF  
Welding Helmet



**ITEM# 85658**  
17F TIG Torch  
12.5' with Connector



**ITEM# 85655**  
TIG Foot Pedal  
With 7 pin Amphenol



**ITEM# 85660**  
Pro-Grip 17F Amptrol™ TIG  
Torch 12.5' with Connector  
(included in ITEM# 421)

Distributed by: