

Millermatic® Passport® Plus

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MIG Power Source, Wire Feeder and Gun Package 

Quick Specs

Light Industrial Applications

Light Fabrication
Maintenance and Repair
Auto Body
Construction

Weld Thickness

Welds 24 gauge to 3/8 in mild steel (230 V)
Welds 18 gauge to 1/4 in aluminum (230 V)

Processes

MIG (GMAW)
Flux Cored (FCAW)

Input Power

115 V, 20 A, 50/60 Hz, single phase
230 V, 18 A, 50/60 Hz, single phase

Rated Output

150 A at 21.5 V, 20% Duty Cycle (230 V operation)
130 A at 20.5 V, 60% Duty Cycle (230 V operation)
110 A at 19.5 V, 20% Duty Cycle (115 V operation)
90 A at 18.5 V, 20% Duty Cycle (115 V operation), CSA

Amperage Range 30–140 A (115 V), 30–180 A (230 V)

Max. Open-Circuit Voltage 45 V

Weight 45 lb (20.4 kg)

The Power of Blue.®

Portability is number one when you have to go to the job—because it can't come to you. The Passport contains all you need to MIG weld in one small lightweight package. With the flip of a switch, **dual-gas supply** selects between the *internal CO₂ gas supply* when you're on the move, or *bulk supply* when you're in the shop or need mixed gas.

The Passport Plus welds aluminum with the use of the Spoolmate 100 Series spool gun. Setup is quick and easy, just plug in the direct connect spool gun, change over to argon gas and select the aluminum mode on the front of the machine. You're now ready to weld up to 1/8 in aluminum on 115 V and 1/4 in aluminum on 230 V.

Miller's multi-voltage plug (MVP™) allows you to connect to common 115 or 230 V power receptacles without the use of any tools—choose the plug that fits the receptacle and connect it to the power cord.

Handy side storage pouch for work cable and clamp, MVP adapters and power cable.



Excellent arc characteristics! The Passport Plus offers positive arc starts and an extremely stable arc with minimal spatter on both mixed gases and straight CO₂.

Auto-Line™ provides state-of-the-art flexibility to the end user. The Auto-Line circuitry automatically connects to 115/230 VAC, single-phase power without removing the cover to relink the power source. No longer is there a concern if you have the correct machine for the shop or job site.

Comes complete with:

- Power source
- Power cord and MVP adapter plugs for 115 and 230 V
- 10 ft (3 m) M-100 gun
- 10 ft (3 m) work cable and clamp
- One CO₂ gas cylinder (empty)
- Two contact tips for .024 in (0.6 mm) wire, and two contact tips for .030 in (0.8 mm) wire
- Dual-groove quick-change drive rolls for .024 in (0.6 mm) or .030/.035 in (0.8/0.9 mm) wire

Self-contained gas cylinder provides 25 minutes of welding time. The cylinder holds 12 oz of CO₂. That's 25 ft of weld on 3/16 in thick material with .030 in mild steel wire. The cylinder CANNOT be used with mixed gases or Argon. One empty cylinder is included with the system.

Durable cast aluminum feedhead incorporates dual-groove quick-change drive rolls and spring-loaded tension arm with calibrated tension knob—all designed to make setup easier and faster.

Impact-resistant case provides strength and durability, protecting the internal components and welding wire.



Welder is warranted for 3 years, parts and labor.
Original main power rectified parts are warranted for 5 years.
Gun warranted for 90 days, parts and labor.

MADE IN **USA**
APPLETON, WI



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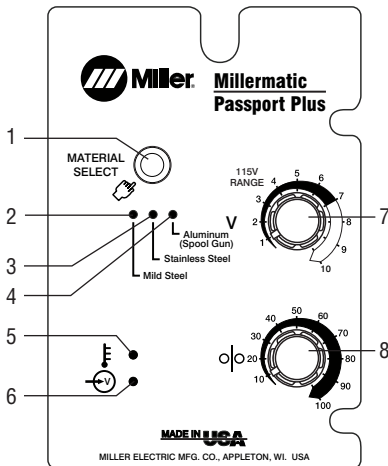
Specifications (Subject to change without notice.)



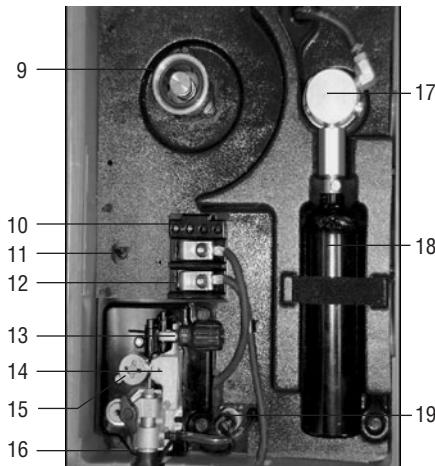
Rated Output 20% Duty Cycle	Welding Amperage Range	Max. Open- Circuit Voltage	Amps Input at Rated Output, 50/60 Hz				Wire Feed Speed	Dimensions	Weight
			115 V	230 V	KVA	KW			
90 A, 18.5 V	30–140 A	45	15*	—	2.2*	2.1*	40–400 IPM (1.0–10 m/min)	H: 15-1/2 in (394 mm) W: 12 in (305 mm) D: 20-1/2 in (520 mm)	45 lb (20.4 kg)
110 A, 19.5 V	30–140 A	45	20	—	2.9	2.7			
150 A, 21.5 V	30–180 A	45	—	18	4.0	3.8			

*CSA Ratings. Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

Control Panel

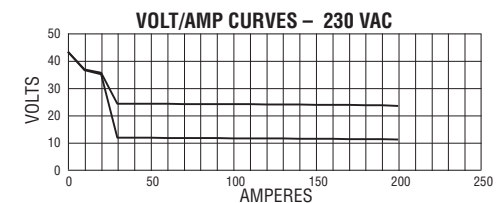
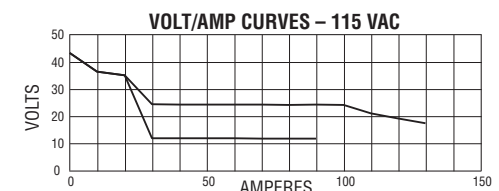
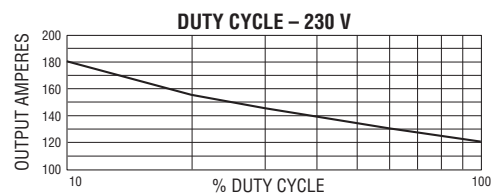
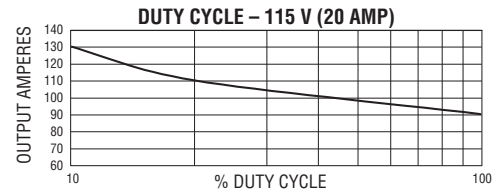


1. Material Select Button
2. Mild Steel LED Indicator
3. Stainless Steel LED Indicator
4. Aluminum (Spool Gun) LED Indicator
5. Thermal Overload LED Indicator
6. Power On LED Indicator
7. Voltage Control
8. Wire Feed Speed Control



9. Hub Retainer Ring for 8 inch Spools
10. Storage Holes for Spare Tips
11. Gas Selector Switch
12. Polarity Changeover Terminals
13. Calibrated Tension Knob
14. Spring-loaded Tension Arm
15. Dual-Groove Quick-Change Drive Rolls
16. T-Knob (secures torch)
17. CO₂ Gas Regulator
18. CO₂ Gas Cylinder
19. Trigger Lead Switch Connector

Performance Data



Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
Millermatic [®] Passport [®] Plus	#907 401	115/230 VAC, 50/60 Hz		
Guns				
M-100	#248 282	10 ft (3 m), .024–.035 in (0.6–0.9 mm)		
Accessories				
Spoolmate 100 Series	#300 371			
CO ₂ Gas Cylinder (Empty)	#195 272	Holds 12 oz of CO ₂		
Dual-Groove Drive Roll, V-Smooth	#220 179	For .024 and .030/.035 in (0.6 and 0.8/0.9 mm) wire		
Available Through Service Parts				
MVP™ Adapter 115 V 5-20P	#219 259	Used to connect power source to 5-20R receptacle (not included with machine)		
MVP™ Adapter 115 V 5-15P	#219 261	Used to connect power source to 5-15R receptacle (included with machine)		
MVP™ Adapter 230 V 6-50P	#219 258	Used to connect power source to 6-50R receptacle (included with machine)		
O-ring for CO ₂ Cylinder	#221 657	8 Pack		
Protective Cap for CO ₂ Cylinder	#229 848	6 Pack		

Date: _____ Total Quoted Price: _____

Distributed by:

