

# Millermatic® Passport™

Issued June 2005 • Index No. DC/12.53

MIG Arc Welding 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)

### Processes

MIG (GMAW)  
Flux Cored (FCAW)

### Input Power

115 V, 20 A, 60 Hz, single phase  
230 V, 18 A, 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.

**Self-contained gas cylinder provides 25 minutes of welding time.** The cylinder holds 12 oz of CO<sub>2</sub>. That's 25 ft of weld on 3/16 in thick material with .030 in mild steel wire. The cylinder can NOT be used with mixed gases. One empty cylinder is included with the system.

**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.

**MILLER EXCLUSIVE! 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.

**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.



**New!**

### Comes complete with:

- Power source
- Power cord and MVP adapter plugs for 115 and 230 V
- 10 ft (3 m) M-10 gun and cable assembly
- 10 ft (3 m) work cable and clamp
- One CO<sub>2</sub> 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

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

**High-quality arc characteristics** feature positive arc starts without popping and spatter, high-stability low-spatter CO<sub>2</sub> welding, and outstanding mixed gas.

With **arc control**, you can select between a crisp-arc characteristic weld suited for mild steel or a softer characteristic suited for stainless steel and some mild steel applications requiring a softer arc.

**Fan-On-Demand™**, the fan only operates when the power supply requires cooling — saving power and keeping the inside of the power supply clean.

With the flip of a switch, **dual-gas supply** selects between the *internal CO<sub>2</sub> gas supply* when you're on the move, or *bulk supply* when you're in the shop or need mixed gas.

**Handy side-storage pouch** for work cable and clamp, M-10 gun, MVP adapters and power cable.

**Carries 8 inch spool of welding wire** — convenient size spool for most wire types.

**TRUE BLUE**  
3YR. WARRANTY

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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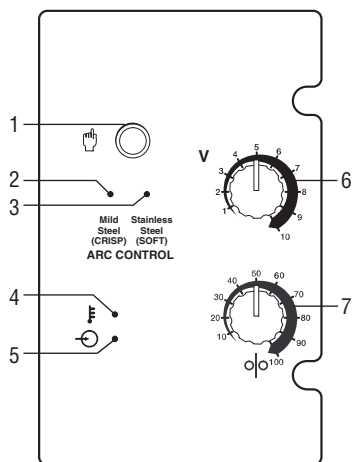
# Specifications (Subject to change without notice.)



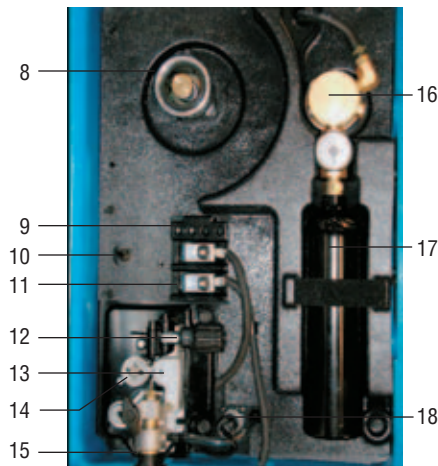
Rated Output 20% Duty Cycle	Welding Amperage Range	Max. Open- Circuit Voltage	Amps Input at Rated Output, 60 Hz				Wire Feed Speed	Dimensions	Weight
			115 V	230 V	KVA	KW			
90 A, 18.5 V	30–140 A	45	15*	—	2.2*	2.1*	40–400 IPM (1.0–10 m/min)	H: 15-1/2 in (394 mm) W: 12 in (305 mm) D: 20-1/2 in (520 mm)	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 to both the Canadian and U.S. Standards for welding equipment pending.

## Control Panel

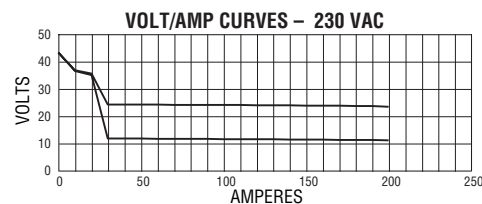
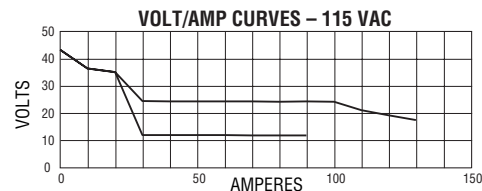
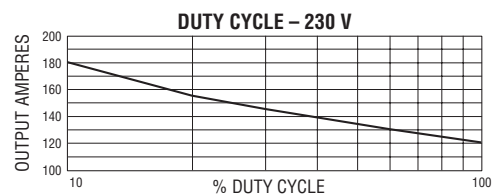
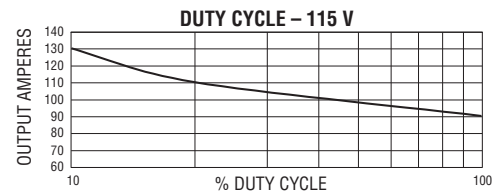


1. Arc Control Selector Button
2. Mild Steel Arc Control LED Indicator
3. Stainless Steel Arc Control LED Indicator
4. Thermal Overload LED Indicator
5. Power On LED Indicator
6. Voltage Control
7. Wire Feed Speed Control



8. Hub Retainer Ring for 8 inch Spools
9. Storage Holes for Spare Tips
10. Gas Selector Switch
11. Polarity Changeover Terminals
12. Calibrated Tension Knob
13. Springloaded Tension Arm
14. Dual-Groove Quick-Change Drive Rolls
15. T-Knob (secures torch)
16. CO<sub>2</sub> Gas Regulator
17. CO<sub>2</sub> Gas Cylinder
18. Trigger Lead Switch Connector

## Performance Data



## Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
Millermatic® Passport™	#907 301	115/230 VAC		
<b>Guns</b>				
M-10	#195 605	10 ft (3 m), .030/.035 in (0.8/0.9 mm)		
<b>Accessories</b>				
NEW! CO <sub>2</sub> Gas Cylinder (Empty)	#195 272	Holds 12 oz of CO <sub>2</sub>		
<b>Available Through Service Parts</b>				
MVP™ Adapter 115 V 5-20P	#219 259	Used to connect power source to 5-20R receptacle		

Date: \_\_\_\_\_ Total Quoted Price: \_\_\_\_\_

Distributed by:

