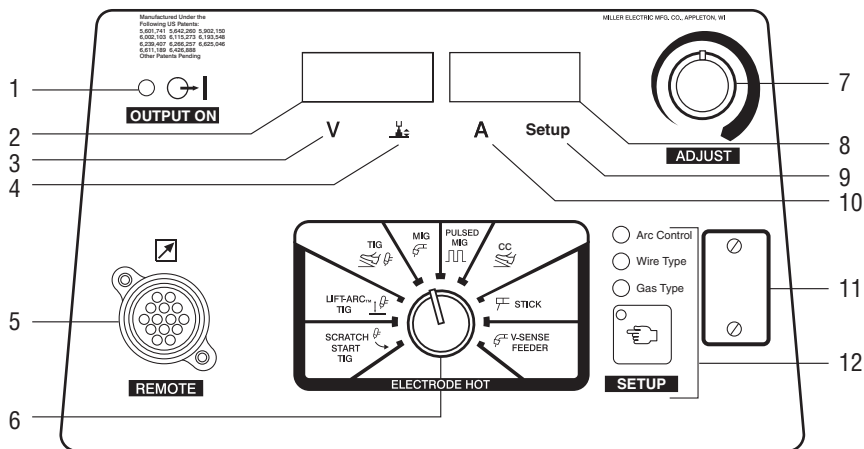


XMT® 350 MPa Control Panel



The simple, powerful XMT 350 MPa can handle almost any portable welding application. Add the S-74 MPa feeder for a synergic system that simplifies Pulsed MIG welding applications.



- | | |
|--|----------------------------|
| 1. Output ON Indicator Light | 9. Setup Indicator |
| 2. Left Display | 10. Amperage Indicator |
| 3. Voltage Display | 11. Remote PC Interface |
| 4. Arc Length Indicator | 12. Setup Indicator Lights |
| 5. Remote Control Receptacle | • Arc Control Indicator |
| 6. Process Selector Switch (Rotary Switch) | • Wire Type Indicator |
| 7. Adjustment Control | • Gas Type Indicator |
| 8. Right Display | • Setup Button |

Built-In Pulsed MIG Programs

The XMT 350 MPa expands the process capability of an XMT 350 with built-in Pulsed MIG operation. See the table below for the wide range of Pulsed MIG (GMAW-P) welding applications the XMT 350 MPa can handle.

	Wire Types	Gas Types
Steel	.035 STL .045 STL	90% ARGN/10% CO ₂ (Argon/Carbon Dioxide) 95% ARGN/5% OXY (Argon/Oxygen)
Metal Core	.035 MCOR .045 MCOR .052 MCOR	90% ARGN/10% CO ₂ (Argon/Carbon Dioxide)
Stainless Steel	.035 SSTL .045 SSTL	TRI MIX (Tri-gas mixture: 81% ARGN/18% HE/1% CO ₂ [Argon/Helium/Carbon Dioxide]) 98% ARGN/2% OXY (Argon/Oxygen) 98% ARGN/2% CO ₂ (Argon/Carbon Dioxide)
Aluminum	.035 AL4X (4000 Series) 3/64 AL4X (4000 Series) .035 AL4X (5000 Series) 3/64 AL4X (5000 Series)	100% ARGN (Argon)
Nickel	.035 NI .045 NI	75% ARGN/25% HE (Argon/Helium)
Silicon Bronze	.035 SIBR	100% ARGN (Argon)
Copper Nickel	.045 CUNI	75% HE/25% ARGN (Helium/Argon)

MPa

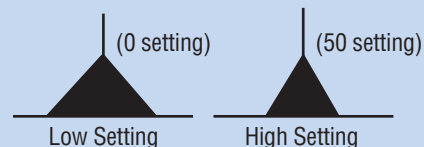
MPa: M (MIG), P (Pulse), a (Advanced Arc Control). Advanced arc control enables an improved pulse welding arc. The operator has more control over puddle and bead characteristics using SharpArc™. In addition, the unit provides a more robust and stable arc at very low arc length, reducing heat input, and providing the ability to weld on a wider range of material thickness.

What are some benefits of Synergic-Pulsed MIG?

1. Easy to Setup
2. No more changing wire speed and then having to go back to reset the weld output.

SharpArc™

SharpArc controls welding arc cone width in Pulsed MIG (GMAW-P) welding mode.



If a gas is used other than what is listed on the Pulsed MIG welding program chart (below left), the SharpArc™ can be adjusted to help customize your arc to the gas being used.

Lower SharpArc™ settings widen the arc cone, increase puddle fluidity and flattens the weld bead.

Additional Features

Auto Remote Sense™ enables unit to automatically use remote control if connected to remote control receptacle.

Dinse International-style weld disconnects provide high-quality weld cable connections. Dinse and Tweco connectors are available.

Optional 115 VAC auxiliary power provides 10 amps of circuit-breaker-protected power for water circulators, etc.



XMT 350 MPa System

Add the new S-74 MPa feeder for a package that gives you the benefit of Synergic-Pulsed MIG. As you increase/decrease the wire feed speed, the pulse parameters increase/decrease matching the right amount of power output to the wire speed.