Multimatic® 200

MIG/Multiprocess Power Source, Wire Feeder and Gun Package

Lightweight MIG, stick and TIG welder weighs only 29 pounds (13.2 kg) so it can go anywhere you need to weld.

Auto-Set™ Elite can be used on multiple materials and multiple processes with the ability to fine-tune your settings. Easy to set up and use.

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

Excellent arc characteristics! Multimatic 200 offers positive arc starts and an extremely stable arc with minimal spatter on both mixed gases and straight CO₂.

Processes
- MIG (GMAW)
- Flux-cored (FCAW)
- DC TIG (GTAW)
- DC stick (SMAW)

Weld Thickness
- MIG: 24 ga.–3/8 in. steel, 18 ga.–3/8 in. aluminum
- TIG: .020–3/16 in. steel
- Stick: 16 ga.–3/8 in. steel

Input Power 120 or 230 V, single-phase, 50/60 Hz

Multi-voltage plug (MVP™) allows connection to common 120- and 230-volt power receptacles without the use of any tools—choose the plug that fits the receptacle and connect it to the power cord.

Optional spool guns. Spoolmate™ 100 or 150 offer reliable and economical solutions for welding aluminum.

Optional TIG contractor kit gives you everything you need for remote TIG welding with the Multimatic 200.

Comes complete with:
- Power source
- 10 ft. (3 m) MDX™-250 MIG gun
- 13 ft. (4 m) cable with electrode holder and 25 mm Dinse-style connector
- 10 ft. (3 m) work cable with clamp and 25 mm Dinse-style connector
- Power cord with MVP™ plugs for 120 and 230 V
- Flow gauge regulator and gas hose for argon or AR/CO₂ mix
- Two contact tips for .030 in. (0.8 mm) wire, and two contact tips for .035 in. (0.9 mm) wire
- Quick Select™ drive roll for .024 in. (0.6 mm) or .030/.035 in. (0.8/0.9 mm) solid wire, and .030/.035 in. (0.8/0.9 mm) flux-cored wire
- Information/settings chart and quick setup guide
- Material thickness gauge

Note: Shielding gas and safety equipment not included.

Welder is warranted for three years, parts and labor. Gun warranted for 90 days, parts only.
Specifications (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Welding Mode/Process</th>
<th>Input Power</th>
<th>Welding Amperage Range</th>
<th>Rated Output</th>
<th>Amps Input at Rated Output, 50/60 Hz</th>
<th>Wire Feed Speed</th>
<th>Max. Open-Circuit Voltage</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV: MIG/flux-cored</td>
<td>120 V</td>
<td>30–140 A</td>
<td>90 A at 18.5 V, 60% duty cycle</td>
<td>18 — 2.2 2 110 A at 19.5 V, 20% duty cycle</td>
<td>70–425 ipm (1.8–10.8 m/min.)</td>
<td>90 VDC</td>
<td>H: 14.5 in. (368 mm) W: 9.75 in. (248 mm) D: 17 in. (432 mm)</td>
<td>29 lb. (13.2 kg)</td>
</tr>
<tr>
<td></td>
<td>230 V</td>
<td>30–200 A</td>
<td>150 A at 21.5 V, 20% duty cycle</td>
<td>— 17.5 4.0 3.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC: TIG</td>
<td>120 V</td>
<td>5–150 A</td>
<td>100 A at 14 V, 100% duty cycle</td>
<td>15.8 — 1.9 1.8 150 A at 16 V, 30% duty cycle</td>
<td>— 8 1.9 1.7</td>
<td>90 VDC (22–25 VDC*)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>230 V</td>
<td>5–150 A</td>
<td>100 A at 14 V, 100% duty cycle</td>
<td>— 13.8 3.2 3.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC: Stick</td>
<td>120 V</td>
<td>20–100 A</td>
<td>70 A at 22.8 V, 100% duty cycle</td>
<td>16.5 — 2.0 1.9 100 A at 24 V, 35% duty cycle</td>
<td>24 — 2.9 2.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>230 V</td>
<td>20–150 A</td>
<td>100 A at 24 V, 100% duty cycle</td>
<td>— 12.7 2.9 2.7 150 A at 26 V, 30% duty cycle</td>
<td>— 20.8 4.8 4.5</td>
<td></td>
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</tr>
</tbody>
</table>

*Sense voltage for stick and Lift-Arc™ TIG.

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

Control Panel

1. Process Selection Knob
2. Wire/Tungsten Diameter and Stick Rod Type Buttons
3. Auto-Set Button
4. LCD Display Panel
5. Adjustment Knob
6. Material Thickness Buttons
7. Adjustment Knob

Performance Data

MIG Duty Cycle Chart

TIG Duty Cycle Chart

Stick Duty Cycle Chart
**Genuine Miller® Accessories**

**MDX™-250 MIG Gun**

with AccuLock™ MDX Consumables

1770035 10 ft. (3 m), standard
1770036 12 ft. (3.7 m)
1770037 15 ft. (4.6 m)

Industrial 250-amp MIG gun with consumables for .030/.035 in. (0.8/0.9 mm) wire.

**MDX™-250 MIG Gun**

with Industrial AccuLock™ S Consumables

1770041 10 ft. (3 m)
1770042 12 ft. (3.7 m)
1770043 15 ft. (4.6 m)

Industrial 250-amp MIG gun with consumables for .035/.045 in. (0.9/1.2 mm) wire.

**Spoolmate™ 100**

Spool Gun 300371

Direct-connect spool gun handles .030–.035 inch (0.8–0.9 mm) aluminum and .023–.035 inch (0.6–0.9 mm) steel/stainless steel wires. Rated at 135 amps, 30 percent duty cycle. Includes 12-foot (3.7 m) cable assembly and custom carrying case.

**RCCS-6M Remote Contactor and Current Control** 195184

North/south rotary-motion fingertip control attaches to TIG torch using two hook-and-loop fasteners. Includes 13.25-foot (4 m) cord and 6-pin plug.

**14-Pin to 6-Pin Adapter Cord** 300507

Adapts Miller 14-pin foot control or fingertip control to a 6-pin plug.

**Dual Cylinder Rack Cart** 951770

Package consists of both running gear/cylinder rack 301239 and dual cylinder rack conversion kit 301454. Cart features durable construction with rubber rear wheels, convenient front handles, plastic consumable box, and dual cylinder rack with tool holder. Holds two cylinders, each gas cylinder should be no greater than 7 inches (178 mm) in diameter or 65 pounds (29.5 kg) in weight.

**Spoolmate™ 150**

Spool Gun 301272

Direct-connect spool gun handles .030–.035 inch (0.8–0.9 mm) 4000/5000 series aluminum and .023–.035 inch (0.6–0.9 mm) steel/stainless steel wires. Rated at 150 amps, 60 percent duty cycle. Includes 20-foot (6.1 m) cable assembly.

**TIG Contractor Kit** 301287

Kits comes complete with everything needed to TIG weld with the Multimatic 200. Includes Weldcraft™ A-150 TIG torch with Dinse-style connector, RFCS-6M foot control, flow gauge regulator with 12-foot (3.7 m) gas hose, and AK2C torch accessory kit.

**RCCS-6M Remote Contactor and Current Control** 195184

North/south rotary-motion fingertip control attaches to TIG torch using two hook-and-loop fasteners. Includes 13.25-foot (4 m) cord and 6-pin plug.

**14-Pin to 6-Pin Adapter Cord** 300507

Adapts Miller 14-pin foot control or fingertip control to a 6-pin plug.

**MVP™ Plugs**

219258 For power cable 6-50P (230 V/50 A). Included with machine.
219261 For power cable 5-15P (115 V/15 A). Included with machine.
219259 For power cable 5-20P (115 V/20 A). Optional, not included with machine.

**Consumables**

*For MDX™-250 MIG Guns*

**Standard Miller® AccuLock™ MDX Consumables**

Smaller consumables and components to access hard-to-reach weldments.

**Contact Tips (10 per package)**

T-M023 .023 in. (0.6 mm)
T-M030 .030 in. (0.8 mm)
T-M035 .035 in. (0.9 mm)
T-M045 .045 in. (1.2 mm)
T-M047 3/64 in. (1.2 mm)

**Nozzles**

N-M1200C Copper, 1/2 in. ID, flush, standard
N-M1218C Copper, 1/2 in. ID, 1/8 in. recess
N-M5800C Copper, 5/8 in. ID, flush
N-M5818C Copper, 5/8 in. ID, 1/8 in. recess
N-M58XTC Copper, 5/8 in. ID, 1/8 in. stickout

**Diffuser** D-M250

**Monocoil Replacement Liners**

10 ft. Liner
LM1A-10 .023/.025 in. (0.6 mm)
LM2A-10 .030/.035 in. (0.8/0.9 mm)
LM3A-10 .035/.045 in. (0.9/1.2 mm)

12 ft. Liner
LM1A-12 .023/.025 in. (0.6 mm)
LM2A-12 .030/.035 in. (0.8/0.9 mm)
LM3A-12 .035/.045 in. (0.9/1.2 mm)

15 ft. Liner
LM1A-15 .023/.025 in. (0.6 mm)
LM2A-15 .030/.035 in. (0.8/0.9 mm)
LM3A-15 .035/.045 in. (0.9/1.2 mm)

**Optional Bernard® AccuLock™ S Consumables**

Consumables for increased durability and longer life when guns are used in industrial applications.

**Contact Tips (10 per package)**

T-A023CH .023 in. (0.6 mm)
T-A030CH .030 in. (0.8 mm)
T-A035CH .035 in. (0.9 mm)
T-A039CH .039 in. (1.0 mm)
T-A045CH .045 in. (1.2 mm)

**Nozzles**

N-A5800C Copper, 5/8 in. ID, flush, standard
N-A5818C Copper, 5/8 in. ID, 1/8 in. recess
N-A5814C Copper, 5/8 in. ID, 1/4 in. recess

**Diffuser** D-MA250

*Note: Miller® FasTip™, M-Series and Bernard Centerfire™ diffusers and consumables are NOT compatible with MDX Series guns.*
**Consumables (Continued)**

### For Multimatic® 200

- **Quick Select™ Drive Roll**
  - 261157
  - For .024-inch (0.6 mm) or .030/.035-inch (0.8/0.9 mm) solid wire, and .030/.035-inch (0.8/0.9 mm) flux-cored wire.

- **V-Knurled Dual-Groove Drive Roll**
  - 202926
  - For .030/.035-inch (0.8/0.9 mm) or .045-inch (1.2 mm) flux-cored wire.

### For Spoolmate™ 100

- **Contact Tips (5 per package)**
  - 199730 .024 in. (0.6 mm)
  - 186419 .030 in. (0.8 mm)
  - 186406 .035 in. (0.9 mm)

- **Nozzle**
  - 186405

### For Spoolmate™ 150

- **Contact Tips (5 per package)**
  - 199387 .030 in. (0.8 mm)
  - 199388 .035 in. (0.9 mm)

- **Nozzle**
  - 050622

### For Both Spool Guns

- **Drive Roll (1) 186413**
  - For .030/.035-inch (0.8/0.9 mm) wire.

- **Push Roll (1) 186414**
  - For .030/.035-inch (0.8/0.9 mm) wire.

### Ordering Information

<table>
<thead>
<tr>
<th>Power Source and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multimatic® 200</td>
<td>907518</td>
<td>120/230 V, 50/60 Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multimatic® 200 with TIG Contractor Kit</td>
<td>951649</td>
<td>Power source packaged with 301287 TIG contractor kit</td>
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<td></td>
</tr>
</tbody>
</table>

### Guns

- **MDX™-250 MIG Gun**
  - 1770035
    - 10 ft. (3 m), 250 A, .030/.035 in. (0.8/0.9 mm) wire, standard
  - 1770036
    - 12 ft. (3.7 m), 250 A, .030/.035 in. (0.8/0.9 mm) wire
  - 1770037
    - 15 ft. (4.6 m), 250 A, .030/.035 in. (0.8/0.9 mm) wire

- **MDX™-250 MIG Gun**
  - 1770041
    - 10 ft. (3 m), 250 A, .035/.045 in. (0.9/1.2 mm) wire
  - 1770042
    - 12 ft. (3.7 m), 250 A, .035/.045 in. (0.9/1.2 mm) wire
  - 1770043
    - 15 ft. (4.6 m), 250 A, .035/.045 in. (0.9/1.2 mm) wire

### Spoolmate™ 100 Spool Gun

- 300371
  - 12 ft. (3.7 m). Includes custom carrying case

### Spoolmate™ 150 Spool Gun

- 301272
  - 20 ft. (6.1 m)

### Accessories

- **TIG Contractor Kit**
  - 301287
  - See page 3 for contents

- **RCCS-6M Remote Control**
  - 195184
  - North/south fingertip control with 13.25 ft. (4 m) cord and 6-pin plug

- **14-Pin to 6-Pin Adapter Cord**
  - 300507
  - Adapts Miller® 14-pin foot control or fingertip control to a 6-pin plug

- **Running Gear/Cylinder Rack**
  - 301239

- **Dual Cylinder Rack Conversion Kit and Tool Holder**
  - 301454

- **Dual Cylinder Rack Cart**
  - 951770
  - Includes running gear/cylinder rack 301239 and dual cylinder rack conversion kit 301454. Must be assembled together

- **MVP™ Plugs**
  - See page 3

- **Material Thickness Gauge**
  - 229895

- **Replacement Screen Cover**
  - 231410
  - Snap-in replacement cover for LCD screen

- **Flow Gauge Regulator for Argon or AR/CO₂ Mix**
  - 270994
  - Replacement standard regulator

- **Flux-cored Wire**

- **Solid Wire**

### Consumables

- **Contact Tips**
  - See page 3 and above

- **Nozzles**
  - See page 3 and above

- **Diffusers**
  - See page 3

- **Monocoil Replacement Liners**
  - See page 3

- **Drive Rolls**
  - See above

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