

Specifications and Replacement Parts

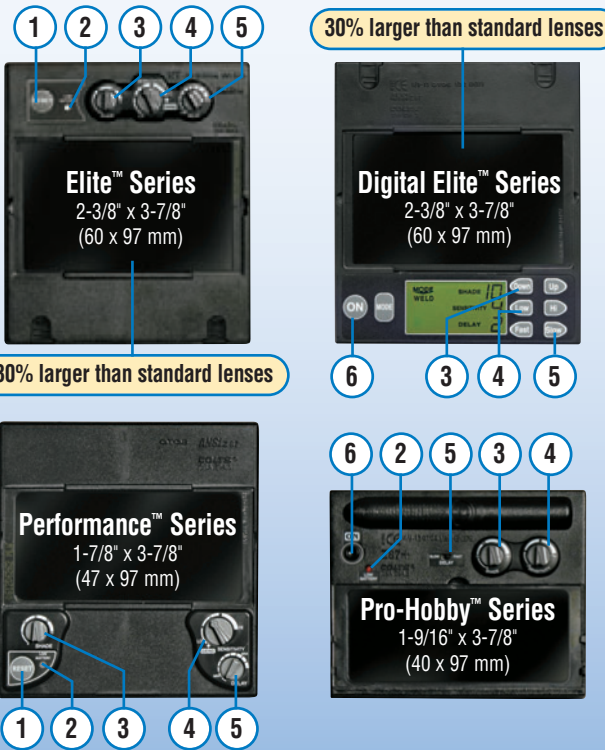


Lens Series Features

- Independent controls for Shade, Sensitivity/Grind Mode and Delay.
- Battery powered with solar assist for exceptionally long life (2,000–3,000 hours on MIG), no recharging required. Auto-Off circuitry with low-battery indicator.

Lens Controls

1. Reset
2. Low-Battery Indicator
3. Shade Control
4. Sensitivity Control
5. Delay Control
6. Power On



Features	Pro-Hobby™ FS #10	Pro-Hobby™ Series	Performance™ Series	Elite™/Digital Elite™ Series
Shade Type (All lenses have light state #3)	Fixed shade #10	Variable shade #8–12	Variable shade #8–13	Variable shade #8–13 (Digital Elite™ also offers shades #5–8 in Cut mode)
Viewing Field	1-3/8" x 3-3/4" (35 x 94 mm)	1-9/16" x 3-7/8" (40 x 97 mm)	1-7/8" x 3-7/8" (47 x 97 mm)	2-3/8" x 3-7/8" (60 x 97 mm)
Lens Speed	1/3,600 second	1/12,000 second	1/20,000 second	1/20,000 second
Lens Power Control	Auto-On/Auto-Off	Manual-On/Auto-Off	Auto-On/Auto-Off	Auto-On/Auto-Off (Digital Elite has manual on)
Grind Mode	No	No	Yes (Shade #3)	Yes (Shade #3)
Cut Mode	No	No	No	Yes (Digital Elite™ only)
Sensitivity Control	No	Yes	Yes	Yes
Delay Control	No	Slow/Fast	10–1.0 sec	.10–1.0 sec
Arc Sensors	2 arc sensors	2 arc sensors	3 arc sensors	4 arc sensors
TIG Rating	20-amp	20-amp	5-amp	5-amp
Power Supply	Rechargeable solar cell	Replaceable alkaline batteries (2) 2,000 hrs	Replaceable lithium battery 2,000 hrs	Replaceable lithium batteries (2) 3,000 hrs
Magnifying Lens Holder	Yes	Yes	Yes	Yes
Replacement Parts				
Inside Cover Lens	#231 410 (5 pk)	#231 410 (5 pk)	#770 237 (5 pk)	#216 327 (5 pk)
Front Cover Lens	#231 411 (5 pk)	#231 411 (5 pk)	#231 921 (5 pk)	#216 326 (5 pk)
Headgear Assembly	#770 246	#770 246	#770 246	#770 246
Headband Fabric	#770 249	#770 249	#770 249	#770 249
Battery	NA (solar)	AAA (alkaline)	#217 043	#217 043 (2 required)

Accessories

Magnifying Lenses

- For use with all Miller helmets.
- #212 235 0.75 magnification
 - #212 236 1.00 magnification
 - #212 237 1.25 magnification
 - #212 238 1.50 magnification
 - #212 239 1.75 magnification
 - #212 240 2.00 magnification
 - #212 241 2.25 magnification
 - #212 242 2.50 magnification



Helmet Bag with Miller Logo

#770 250
Features drawstring closure, ultra-soft inside liner and convenient exterior storage pouch for gloves, glasses, etc. Included with Elite, Digital Elite and Performance Series helmets.



Hard Hat Adapter #222 003

For use with all helmets. Adapters are compatible with Fibre Metal and MSA hards. Other brands may or may not fit depending on overall size and shape.



Comfort Cushion #216 336

For use with all helmets. Provides maximum comfort. Included with Elite, Digital Elite and Performance Series helmets.

SERIOUS PROTECTION WITH ATTITUDE™



Welding Helmets

Includes New Digital Elite™ and MP-10™ Passive Series





The New Digital Elite™ — Our Most Versatile Helmet Ever

- The precision of digital controls
- Memory for ease of use and repeatability
- Convenient bottom-located controls

- Four modes for maximum versatility:
1) Weld, 2) Cutting, 3) Grind, and 4) X-Mode (Weld)
X-Mode electromagnetic arc sensing eliminates sunlight interference (outdoors), intermittent sensing (pipe and hidden welds), and low-amperage lens openings (TIG).

FREE \$25.00 Accessory Package
with Elite, Digital Elite and Performance Series helmets. Package includes helmet bag, comfort cushion and replacement cover lenses.

Elite™ and **NEW!** Digital Elite™ Series

The Ultimate Helmets for the Most Demanding Applications

- Elite: Auto-On/Auto-Off and Grind Mode
- Digital Elite: Auto-Off (manual on), Grind Mode, Cut Mode and X-Mode
- Largest view—30% larger window
- Four independent arc sensors
- Lens speed—1/20,000 second
- Variable shade #8–13 and light state #3 (Digital Elite offers shades #5–8 in Cut Mode)
- Excellent low-amperage TIG rating (5 amps)
- Includes magnifying lens holder
- Weighs only 18 oz (510 g)
- 2-year limited warranty



New! Digital Elite Models #234 761

Performance™ Series

Our Mid-Range Helmet for All Welding Applications

- Auto-On/Auto-Off and Grind Mode
- Three independent arc sensors
- Lens speed—1/20,000 second
- Variable shade #8–13 and light state #3
- Excellent low-amperage TIG rating (5 amps)
- Ratchet-style headgear with precise control
- Includes magnifying lens holder
- Quick-release front cover lens assembly
- Weighs only 17 oz (482 g)
- 2-year limited warranty



Pro-Hobby™ FS #10

Ideal for Farm, Home and Hobby

- Fixed shade #10 and light state #3
- Lens speed—1/3,600 second
- Solar-powered, no batteries required
- Ratchet-style headgear with precise control
- Low-amperage TIG rating (20 amps)
- Includes magnifying lens holder
- Weighs only 16 oz (454 g)
- 2-year limited warranty
- Replacement cover lenses included

Not recommended for industrial applications or repetitive tack welding applications.



Pro-Hobby™ Series

The Ideal Helmet for Light-Duty Applications

- Manual-On/Auto-Off circuitry
- Two independent arc sensors
- Lens speed—1/12,000 second
- Variable shade #8–12 and light state #3
- Ratchet-style headgear with precise control
- Low-amperage TIG rating (20 amps)
- Includes magnifying lens holder
- Weighs only 16 oz (454 g)
- 2-year limited warranty
- Replacement cover lenses included



NEW! MP-10™ Passive Series

Miller Quality in a Non-Auto-Darkening Helmet

For Farm, Hobby and Construction

- Large viewing field—4 x 4 in (102 x 102 mm)
- Comfortable, fully adjustable headgear
- Includes magnifying lens holder
- Uses industry-standard #10 size filter plate
- Optional hard hat adapter available (#222 003)
- Upgradeable to auto-darkening Elite or Digital Elite lens
- Weighs only 18 oz (510 g)

