



Head and Face Protection

Designed for visibility, versatility, comfort and protection in demanding welding, cutting and grinding applications

HELMET TECHNOLOGIES

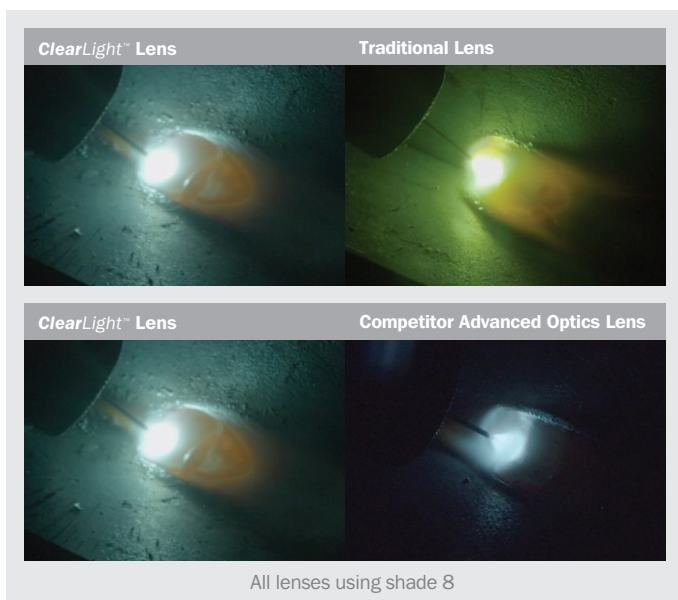
Innovative features designed to enhance operator comfort and performance, improving safety and productivity.

ClearLight™

Designed by welders, for welders – **ClearLight™** Lens Technology is engineered to complement the colors emitted from the welding arc, enhancing clarity and natural color so that you can see more detail.

ClearLight™ has a 1/1/1/2 optical clarity rating that provides a brighter, 3.0 light state, allowing weld operators to keep their hood down in between welds and non-welding tasks within arms reach of the workpiece, improving safety and productivity.

Available on: Classic VS, Digital Performance™, Digital Elite™, Digital Infinity™, and T94™ Series welding helmets.



Visit MillerWelds.com/clearlight to learn more

X-Mode™

Ideal for weld operators who weld out of position, outdoors, or in bright environments. X-Mode™ eliminates light interference and auto darkens the lens based on the electromagnetic field caused by the arc. The lens continuously detects the arc even when sensors are blocked, so the lens darkens when the operator needs it to.

Available on: T94™, Digital Infinity™, Digital Elite™, Classic VSⁱ™ and Weld Mask™ 2 Series welding helmets.

AutoSense™

By simply pushing and holding a button, AutoSense™ Technology automatically sets the helmet sensitivity by sensing your welding environment. Ideal for weld operators who frequently adjust their settings for changing welding environments.

Available on: Digital Infinity™ and Digital Elite™ Series welding helmets.

InfoTrack™

Take control over planning, estimating and evaluating your operations with InfoTrack™ Data Monitoring Technology to improve efficiency and productivity.



- Arc time
- Clock
- Alarm
- Timer

Available on: Digital Infinity™ Series helmets



- Arc time
- Arc count
- Clock

Available on: T94™ Series helmets

“I buy the Miller helmets for X-Mode™ but absolutely love the clarity of the **ClearLight™** Lens Technology and large 13.5 sq. in. display of the Miller Digital Infinity™ welding helmet. There is also a clock, alarm and arc timer along with other InfoTrack™ features. Well thought out design and features.”

- William, Verified Buyer

HELMET ACCESSORIES



Helmet Lighting

Increase visibility in low-lit environments with Miller® Helmet Lighting Accessory kits – improving safety and weld quality. Each light has a brightness of 70 lumens to precisely illuminate work pieces.

Low-profile lights stay firmly in place when the hood is raised and lowered. Weighing only 2.5 ounces each, they're made for all-day comfort.

Sold separately.



Visit MillerWelds.com/helmetlighting to learn more



Premium Headgear

Gen 4

Four-point flexible headgear provides a secure fit while oversized comfort cushion maximizes all-day wearability. Includes pivoting top and back bands to provide a better fit and comfort.



Available on: T94™ Series helmets

Gen 3.5

Tilt, angle and depth adjustments, along with the oversized comfort cushion, provide a customized fit for unsurpassed comfort and stability.



Available on: Digital Infinity™, Digital Elite™ and Digital Performance™ Series helmets

HELMET ACCESSORIES

282013	Helmet Lighting Accessory Kit (Infinity™, Elite™, Performance™ and Classic)
281361	Helmet Lighting Accessory Kit (T94™)
284218	Headgear, Gen 3.5
260486	Headgear, Gen 4
259637	Hard Hat Adapter, Slotted
222003	Hard Hat Adapter, Halo (Elite™, Performance™ and Classic)
265315	Hard Hat Adapter, Halo (T94™)
251018	Helmet Hook
770249	Fabric Headband (T94™, Infinity™, Elite™, Performance™ and Classic)
253882	Helmet Bib (Infinity™, Elite™, Performance™ and Classic)
279078	Helmet Bib (T94™)
279080	Helmet Cape (T94™)
217043	CR2450 Lithium Battery

228028	Job Site Tool Bag
770250	Helmet Bag with Miller® Logo
212235	Magnifying Lens 0.75 Magnification (4 1/2" x 2" x 5/23")
212236	Magnifying Lens 1.00 Magnification (4 1/2" x 2" x 5/23")
212237	Magnifying Lens 1.25 Magnification (4 1/2" x 2" x 5/23")
212238	Magnifying Lens 1.50 Magnification (4 1/2" x 2" x 5/23")
212239	Magnifying Lens 1.75 Magnification (4 1/2" x 2" x 5/23")
212240	Magnifying Lens 2.00 Magnification (4 1/2" x 2" x 5/23")
212241	Magnifying Lens 2.25 Magnification (4 1/2" x 2" x 5/23")
212242	Magnifying Lens 2.50 Magnification (4 1/2" x 2" x 5/23")
770660	Shade 8 Auto-Darkening Lens (2" x 4-1/4")
770659	Shade 9 Auto-Darkening Lens (2" x 4-1/4")
770226	Shade 10 Auto-Darkening Lens (2" x 4-1/4")
770961	Shade 11 Auto-Darkening Lens (2" x 4-1/4")

Classic Series

Classic Series welding helmets are ideal for entry-level, DIY, and occasional weld operators. The VSi™ model is designed for industrial applications, featuring X-Mode™ Technology and an integrated grind shield that provides a 180° clear view.

Switching Speed: FS#10 1/3,600 | VS 1/23,000 | VSi 1/20,000 second

Operating Modes: FS#10 Weld and Grind | VS Weld, Cut and Grind
VSi Weld, Grind and X-Mode

Weight: FS#10 14 oz | VS 16 oz | VSi 23 oz*

Meets ANSI Z87.1 + and CSA Z94.3 Standards



(VSi and FS#10 helmets have a 2-year warranty)



ClearLight™ (VS only)



X-Mode™ (VSi only)



Helmet Lighting†



Gen 1 Headgear

Enhanced support for all-day comfort

3.0 Light State

Brighter light state that allows weld operators to keep their hood down, improving safety and productivity

Quick Release Cover Lens

Simplifies lens changes and reduces downtime

Integrated Grind Shield

Clear view for seamlessly switching from welding to grinding

Auto On/Off

Lens automatically turns on at the strike of an arc

Variable Shade

Operators can customize the lens shade to their needs

Two Independent Arc Sensors

Dependable arc detection (VSi has 3 arc sensors)

Adjustable Sensitivity

Fine tune for varied lighting conditions and weld amperage

Shade Range

FS#10: 10
VS & VSi: 8-13

Digital Controls

Intuitive design and large push buttons allow user to easily adjust mode and settings (VS Only)



NEW!



*Dependent on model
‡ Accessory sold separately

Digital Performance™ Series

Digital Performance™ Series welding helmets are ideal for commercial weld operators. With a lightweight design and upgraded features, these helmets are an excellent choice for cost-effective performance.

- Switching Speed:** 1/20,000 second
- Operating Modes:** Weld, Cut, Grind
- Weight:** 17 oz

Meets ANSI Z87.1 + and CSA Z94.3 Standards



ClearLight™

Premium Headgear

Helmet Lighting†



Gen 3.5 Headgear
Flexible, ergonomic design provides enhanced support, stability and comfort



Auto On/Off
Lens automatically turns on at the strike of an arc

Quick Release Cover Lens
Simplifies lens changes and reduces downtime

Three Independent Arc Sensors
Provides consistent lens response for obstructed or low amp welding

3.0 Light State
Brighter light state that allows weld operators to keep their hood down, improving safety and productivity

7.2 sq in

Digital Controls
Intuitive design and large push buttons allow user to easily adjust mode and settings

Shade Range
Weld: 8-13
Cut: 5-8



‡ Accessory sold separately



Black

Blue Rage™

Crusher™

'64 Custom™

Digital Elite™ Series

Digital Elite™ Series welding helmets are ideal for commercial and industrial weld operators looking for all the features without the extra weight of a large lens.

Switching Speed: 1/20,000 second

Operating Modes: Weld, Cut, Grind, X-Mode™

Weight: 18 oz

Meets ANSI Z87.1 + and CSA Z94.3 Standards



ClearLight™



X-Mode™



AutoSense™



Premium Headgear



Helmet Lighting!



Gen 3.5 Headgear

Flexible, ergonomic design provides enhanced support, stability and comfort



Shade Range

Weld: 8-13
Cut: 5-8

Durable Shock-Absorbing Gasket

Protects lens from drop impact

Quick Release Cover Lens

Simplifies lens changes and reduces downtime

Aluminum Heat Shield

Protects the lens in high amperage applications

Auto On/Off

Lens automatically turns on at the strike of an arc

Four Independent Arc Sensors

Provides consistent lens response for obstructed or low amp welding

3.0 Light State

Brighter light state that allows weld operators to keep their hood down, improving safety and productivity

Digital Controls

Intuitive design and large push buttons allow user to easily adjust mode and settings



Black



Cat® Edition 1



Stars and Stripes™ III



Inferno™



Raptor™



Lucky's Speed Shop™



Vintage Roadster™



Gear Box™

‡ Accessory sold separately

Digital Infinity™ Series

Digital Infinity™ Series welding helmets are ideal for commercial and industrial weld operators who need an extra large viewing area for maximum visibility.

- Switching Speed:** 1/20,000 second
- Operating Modes:** Weld, Cut, Grind, X-Mode™
- Weight:** 23 oz

Meets ANSI Z87.1 + and CSA Z94.3 Standards



ClearLight™



X-Mode™



InfoTrack™



AutoSense™



Premium Headgear



Helmet Lighting†



Gen 3.5 Headgear
Flexible, ergonomic design provides enhanced support, stability and comfort



Quick Release Cover Lens
Simplifies lens changes and reduces downtime

Auto On/Off
Lens automatically turns on at the strike of an arc

Four Independent Arc Sensors
Provides consistent lens response for obstructed or low amp welding

Shade Range
Weld: 8-13
Cut: 5-8

Oversized Viewing Area
Largest viewing area for maximum visibility

3.0 Light State
Brighter light state that allows weld operators to keep their hood down, improving safety and productivity

Digital Controls
Intuitive design and large push buttons allow user to easily adjust mode and settings

13.4 sq in



Black

Departed™

Stars and Stripes™

Relic™

Imperial™

Cat™ 2nd Edition

BlackOps™

† Accessory sold separately

T94™ Series

T94™ Series welding helmets maximize comfort, visibility and productivity for weld operators who work in demanding industrial environments.

Switching Speed: 1/20,000 second

Operating Modes: Weld, Cut, Grind, X-Mode™

Weight: T94™ 21.1 oz | T94i™ 26 oz

Meets ANSI Z87.1 + and CSA Z94.3 Standards



ClearLight™

X-Mode™

InfoTrack™
2.0

Premium
Headgear

Helmet Lighting‡



Gen 4 Headgear

Oversized back pad and multiple head straps for a secure fit that eliminates overtightening

Aluminum Heat Shield

Protects the lens in high amperage applications

Auto On/Off

Lens automatically turns on at the strike of an arc

Shade 5.0 Side Windows

Enhances peripheral vision, amplifying sense of surroundings

Quick Release Cover Lens

Simplifies lens changes and reduces downtime

Integrated Grind Shield (T94i™)

44 square inch integrated grind shield provides a clear viewing area for grinding and other tasks, increasing helmet-on time, decreasing the potential for eye injuries



External Grind Control (T94™)

Switch to grind mode with the push of a button

Half Shade Settings

For precise shade adjustments

3.0 Light State

Brighter light state that allows weld operators to keep their hood down, improving safety and productivity

Lightweight

Well-balanced design reduces neck torque, minimizing fatigue and neck strain

Matte Silver Finish

Reflects ambient heat, keeping the user cooler



Visit [MillerWelds.com/T94](https://www.millerwelds.com/T94) to learn more

‡ Accessory sold separately

Weld-Mask™

Weld-Mask™ Auto-Darkening goggles are the most versatile head and face protection for welding in tight spaces – allowing access where traditional helmets don't fit and ideal for use with hard hats.

Switching Speed: Weld-Mask™ 1/15,000 | Weld-Mask™ 2 1/25,000

Operating Modes: Weld-Mask™ Weld | Weld-Mask™ 2 Weld, X-Mode™

Weight: Weld-Mask™ 7.8 oz | Weld-Mask™ 2 11.8 oz

Meets CE/ANSI/CSA/AS NZ Standards



X-Mode™
(Weld-Mask 2 only)

Up to **40% LIGHTER** than traditional helmets

Flashlight Accessory

Converts Weld-Mask™ 2 into a headlamp, freeing both hands for welding

Lens

Wide, singular lens provides unmatched auto-darkening range of visibility

Eye Coverage

Soft close-fitting eye covering provides total darkness for precision welding



External Controls

Provides quick and convenient access

Weld-Mask™ 2

Eye Coverage

Soft close-fitting eye covering provides total darkness for precision welding



External Controls

Provides quick and convenient access

Weld-Mask™



Comfort & Compliance

Miller® LPR-100 Half Mask Respirator and safety glasses easily fit under Weld-Mask™ 2

Head Cover

Flame retardant material provides coverage for UV/IR rays and applications with limited spatter

Visit MillerWelds.com/weld-mask to learn more

Ordering Information

CLASSIC SERIES

263038	Black – FS #10 2x4 Flip-Up
287803	Black – Variable Shade
260938	Black – VSi™
287810	Metalworks™
287815	Rise™
287820	Liberty™
288519	Metal Matrix™
231411 / 231411B	Front Cover Lens (FS #10 2x4 Flip-Up and VS) - 5 pack / 50 pack (bulk)
235628	Front Cover Lens (VSi™) - 5 pack
770237 / 770237B	Inside Cover Lens - (FS #10 2x4 Flip-Up) - 5 pack / 50 pack (bulk)
231410	Inside Cover Lens (VS and VSi™) - 5 pack
261830	Replacement Grind Shield (FS #10 2x4 Flip-Up)
245818	Replacement Grind Shield (VSi™)

DIGITAL PERFORMANCE™ SERIES

282000	Black
282001	Blue Rage™
282002	'64 Custom™
282005	Crusher™
231921 / 231921B	Front Cover Lens - 5 pack / 50 pack (bulk)
770237 / 770237B	Inside Cover Lens - 5 pack / 50 pack (bulk)

DIGITAL ELITE™ SERIES

281000	Black
281001	Lucky's Speed Shop™
281002	Stars and Stripes™ III
281003	Inferno™
281004	Vintage Roadster™
281006	Cat® – 1st Edition
281007	Raptor™
281009	Gear Box™
216326 / 216326B	Front Cover Lens - 5 pack / 50 pack (bulk)
216327 / 216327B	Inside Cover Lens - 5 pack / 50 pack (bulk)

DIGITAL INFINITY™ SERIES

280045	Black
280047	Black Ops™
280048	Departed™
280049	Stars and Stripes™
280051	Relic™
280053	Imperial™
282007	Cat® – 2nd Edition
284218	Replacement Headgear
271320	Front Cover Lens - 5 pack
271319	Inside Cover Lens - 5 pack

T94™ SERIES

260482	T94™
260483	T94i™
260486	Replacement Headgear
265304 / 265304B	Front Cover Lens - 5 pack / 50 pack (bulk)
216327	Inside Cover Lens
258979	Replacement Grind Shield
260197	Side Window Covers

WELD-MASK™ SERIES

267370	Weld-Mask™
267420	Weld-Mask™ Front Cover Lens - 5 pack
267421	Weld-Mask FR Head Cover**
270055	CR2032 Replacement Battery
280982	Weld-Mask™ 2
280985	Weld-Mask™ 2 Front Cover Lens - 5 pack
280983	Weld-Mask™ 2 FR Head Cover**
285757	Weld-Mask™ Hard Hat Adapter
217043	CR2450 Replacement Battery
281188	Weld-Mask™ 2 Light Accessory Kit*

*Optional accessory

**For use with Weld-Mask auto-darkening goggles,
or under a traditional welding helmet for added protection

Customer Reviews

T94 Series™

"I own four other manufacturer's auto darkening hoods, none compare to this helmet. This hood is incredible. I have been using it every day since it came in. It's extremely comfortable and fits perfectly. I swear it's as if you're looking at the weld with no hood on, the clarity is incredible. I have not had one flash incident either with it. The side view lenses really open up your peripherals while you're welding." - **Phred**

Digital Infinity Series™

"So far everything has been great with this new helmet. The larger viewing screen makes a big difference and being able to swap from welding to grinding without swapping helmets is a time saver." - **John**

Digital Elite Series™

"I had been welding at a new job for weeks but had a hard time seeing both the weld pool and where I was going. This new helmet changed all that! I can see everything better! Fantastic hood, I would highly recommend it to anyone, especially anyone having vision issues with their current hood." - **Royd**

Digital Performance Series™

"Fits great, always works as it should. Super clear compared to my friend's cheaper brand welding hood. I am passing my old Miller welding hood down to my son." - **Joel**

Classic Series™

"Works great. I really like being able to lift the welding lens and have a clear protected view for grinding." - **David**

