VIKING™ 3350 ADV SERIES

Professional Auto-Darkening Welding Helmets

Mossy Oak® Country DNA® K5423-5 | Code Red® K4034-5 | Steampunk® K3428-5 | MOJO® K3101-5 | Twisted Metal® K3248-5 | Zombie® K4158-5

Daredevil™ K3683-5 | Hot Rodders™ K4440-5 | Medieval ® K4671-5 | Creative Spark® K5134-5 | Star Spangled™ K5559-5

Shown:
Black K3034-5

3350 ADV Series Digital UI

Proven Protection. Game-Changing Performance

The new, industry defining evolution of the Viking™ 3350 Welding Helmet is here. The VIKING™ 3350ADV Series takes our proven, premium auto-darkening helmet series to a new level, pairing the exclusive 4C® Optics and X6 Headgear® – now also featuring advanced digital controls, modular work-piece illumination, auto-shade technology, Bluetooth connectivity and more! It sets a new standard for the functionality and capabilities for a professionals' welding helmet.

Intelligent, Hi-Res User Interface

- Innovative, User Friendly Full Color Industrial Display
- Auto Shade Technology to dynamically adjust lens based on the arc and user preferences
- Expands the Functionality and value that a helmet can provide the user

Industry Leading Optics

- Exclusive 4C® Lens Technology
- 1/1/1/1 optical clarity
- 11.8 sq. in. auto darkening view area

Unmatched Productivity

- External, low profile LED and grind controls
- Three memory slots to save commonly used settings
- Collect, Store and Report Usage Data
- Bluetooth connectivity to FREE GearPoint App for Usage Reporting, How-To's and More!

Comfort, Versatility & Durability

- Innovative X6® Headgear for all day comfort
- Smart, Modular LED light for improved workspace visibility
- Best-in-Class 5 Year Warranty

Process »
Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-Cored, Gouging, Grinding

5 YEAR STANDARD
WARRANTY
GARANTIA
GARANTIE

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ANSI®

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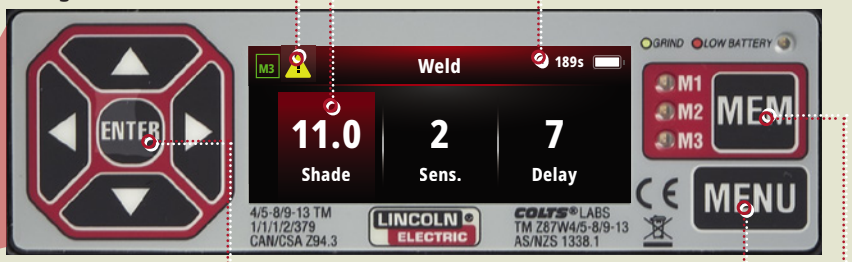
LINCOLN ELECTRIC

HIGH RESOLUTION DIGITAL USER INTERFACE

The 3350 ADV series features a product category changing, intelligent digital user interface which changes the expectations for a professionals' welding helmet. The large, high resolution display is paired with simple, precise industrial controls for intuitive adjustments. The user friendly main menu offers a broad range of new helmet features; from Arc Information, Diagnostics, Display Settings, Bluetooth & More!



DIGITAL USER INTERFACE - KEY FEATURES

Dedicated Helmet Modes

Features four distinct modes - Weld, Cut, Grind, Auto - allowing you to dial in your preferred settings for each application

- Press Any Button to wake up display. Then press enter to switch between modes.
- Once in desired mode, use Left & Right arrows to switch between Shade, Sensitivity and Delay.
- Use Up & Down Arrows to adjust the selected setting to your preference

New! Innovative Auto Shade Technology

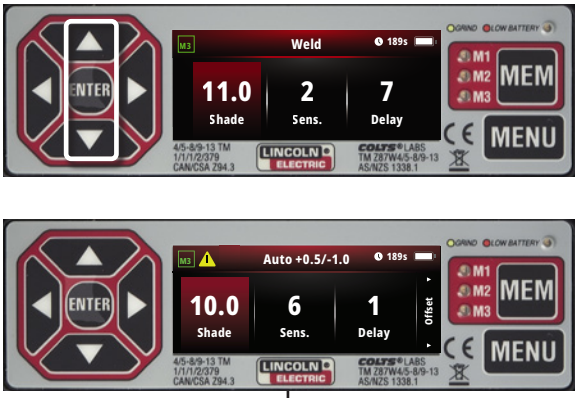
The advanced Auto Shade Technology continuously monitors your environment and automatically adjusts the lens shade based on the welding arc, amperage and user preferences.

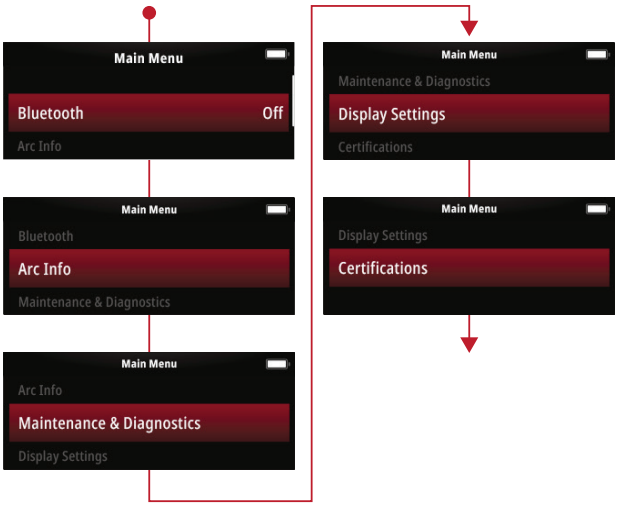
- Press Enter to cycle through to Auto mode. Then press the Right Arrow three times to access & adjust shade offset.
- Shade offset allows user to set the range that the helmet can dynamically adjust up or down while in auto mode.
- Press Directional Arrows to cycle through and adjust + and - offsets.
- Press Right Arrow to Return to Main Display. Your shade offset values are now displayed at the top of UI.

Intuitive, Expanded Control

Easy to use digital display provides advance control and navigation of helmet settings and access to additional features.

- Track and view arc info including arc time, mode history, and exposed light intensity.
- Adjust and view display settings including display brightness, sleep timer, and battery life.
- Easily access maintenance & diagnostics





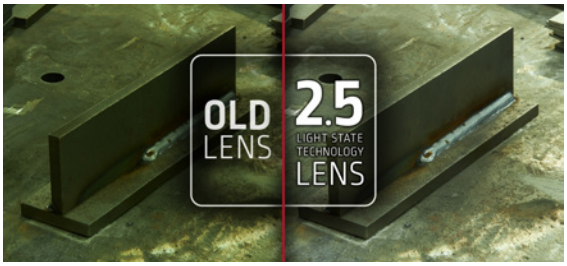
ENHANCED LENS FEATURES

4C LENS TECHNOLOGY

Lincoln Electric's proprietary liquid crystal display (LCD) enhances the visible color spectrum of the display. Unlike traditional auto-darkening filters, 4C lens technology broadens the color range & hues which can be seen in both light and dark states. This eliminates imperfections and color saturation to create the clearest view of the base material, arc & puddle, while reducing eye strain.

2.5 LIGHT STATE LENS

Now offers a significantly increased level of brightness in the light state and enhanced vibrancy in the dark state compared to the previous generations.



1/1/1/1 OPTICAL CLARITY

	VIKING 3350 ADV	Competitor 1	Competitor 2
1/1/1/1 Optical Clarity	✔	✔	✘
2.5 Light State Lens	✔	✘	✔
LED Light	✔	✘	✘
5 Year Warranty	✔	✘	✘

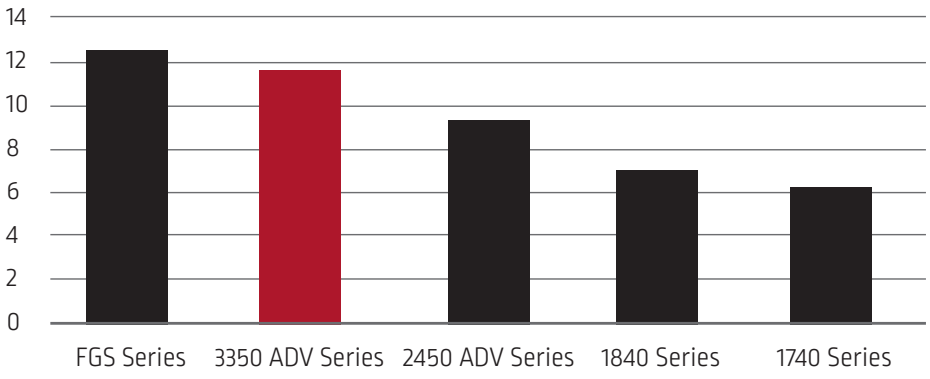
* This comparison is based on publicly available specifications as of May 2025. Product characteristics are presented for informational purposes only. As product features may vary over time, consumers should verify specifications with original manufacturers before purchase.

AUTO-DARKENING VIEWING AREA BY SERIES

11.8
Sq. Inches

Extra Large Viewing Area

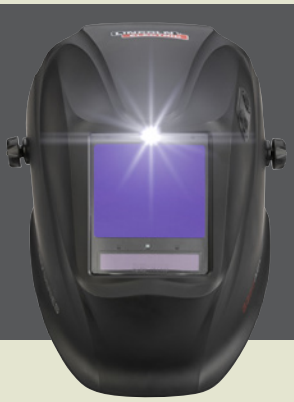
While the quality of the auto-darkening lens is critical, the size is also an important attribute to consider.



SMART LED LIGHT

The modular LED light was custom designed to improve productivity, quality, and safety in one simple attachment. The light can be easily activated or deactivated using a low profile external control and, when activated, illuminates the work area for increased workspace visibility during arc off time. To save power and increase battery life when welding, the LED automatically turns off when an arc is struck and turns back on when the arc is extinguished.

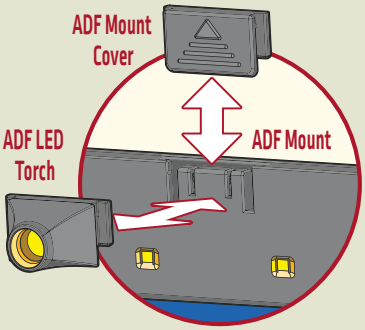
Removable Battery Pack
A standard AA battery powers the LED module and is easily accessible, making replacements fast and easy, without interfering with the helmet's primary functions.



Integrated Low Profile LED Light Cartridge

Removable AA Battery Pack

Easy to Detach/Attach



X6 HEADGEAR

Superior Comfort

1. Adjustable, form fitting top head supports distribute weight and optimize balance
2. Orientation adjustment pin for optimal resting position
3. Rotatable front headband for personalized support and fit
4. Innovative and easy to use forward and backward adjustments
5. Strategically positioned rear headband improves balance
6. Unique flexible backpad eliminates common pressure point

LED LIGHT/GRIND CONTROL

Switching Modes Made Easy

The left side of the helmet features industrial low profile button controls which connects to the auto darkening lens and the smart LED Light. Press and hold for 3 seconds to switch between weld and grind modes as well as manually turn on/off the LED light

Benefits:

- Increases productivity
- Prevents accidental activation
- Enhanced application versatility

ADDITIONAL FEATURES

Hard Hat Compatible

Enhanced Outdoor Performance

Cheater Lens Compatible

GEARPOINT™ APP

Get the most out of your welding experience with the GearPoint™ App. The mobile app is the perfect tool for welders to take their performance to the next level. Available on iOS and Android.

Track Productivity
Once downloaded, will automatically track daily usage and review up to 6 months of helmet usage.

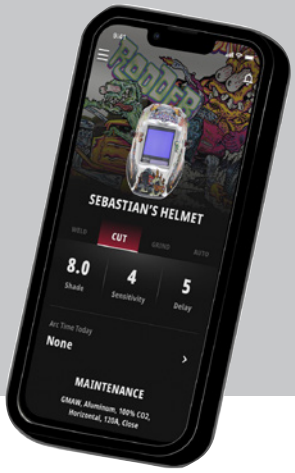
Predictive Maintenance
Set up your Operator Profile and Replacement Part preferences to be notified when to replace lenses, gun parts and more.

Welder Resources
Features helpful replacement parts instructions, welding how-to's, new product updates and a convenient distributor locater.

Control Settings
Easily adjust the welding settings right from your phone

Download the Free GearPoint™ App today and take your welding to the next level!

Download on the App Store GET IT ON Google Play



BEST-IN-CLASS STANDARD WARRANTY

INDUSTRY LEADING
5-YEAR STANDARD WARRANTY

With an industry-leading 5 year warranty, our VIKING 3350 ADV series helmets deliver the ultimate peace-of-mind and come backed by Lincoln Electric's commitment to quality.

- Comprehensive coverage on helmet and lens
- Quick, hassle-free claims processes

REPLACEMENT PARTS

Part Number	Description	Product Type
KP2898-1	Outside Cover Lens - 3350 & 2450 Series	Cover Lenses
KP5244-1	Inside Cover Lens - 3350 ADV Series	
KP4628-1	Bulk Outside Cover Lens - 3350 & 2450 Series	
S27978-206	Gasket - Outside Cover Lens Seal - 3350 & 2450 Series	
KP2930-1	Sweatband - Super Soft Knit Cotton	Sweatband & Headgear
KP4541-1	Soft Cotton Back Pad for X6 Headgear	
KP4470-1	X6 Headgear	
K3908-1	Pivot Headgear	
K4100-1	Traditional Headgear	
KP3047-1	Hard Hat Adapter - Halo Style	Hard Hat Adapters
KP3486-1	Hard Hat Adapter - Slotted Style	
KP3046-XXX	Magnifying Cheater Lenses - 1.00 MAG - 2.50 MAG	Cheater Lenses
KP3045-5	3350 5th Gen. ADF Cartridge	Auto-Darkening Filter & Parts
KP5246-1	Replacement External Button Housing	
KP4491-1	CR2450 Lithium Battery	
S27978-153	ADF Cartridge Holder	
KP5245-1	LED Light Kit	LED Attachment Parts
S27978-211	LED Battery Housing Attached Cover	
S27978-217	LED Attachement Cover	
KP4561-2	Matte Black 2450/3350 Replacement Shell	Replacement Shells
KP5424-2	Mossy Oak® Country DNA® Replacement Shell	
KP4577-2	Code Red® Replacment Shell	
KP4574-2	Steampunk® Replacement Shell	
KP4570-1	Mojo® Replacement Shell	
KP4571-1	Twisted Metal® Replacement Shell	
KP4578-1	Zombie® Replacement Shell	
KP4576-1	Daredevil™ Replacement Shell	
KP4580-1	Hot Rodders™ Replacement Shell	
KP4672-2	Medieval® Replacement Shell	
KP5137-2	Creative Spark™ Replacement Shell	
KP5560-2	Star Spangled™ Replacement Shell	

PRODUCT SPECIFICATIONS

Product Name	Lens Switching Speed (sec)	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/Control	Light Sensitivity Control	Delay Control Dark to Light (sec)	Arc Sensors	TIG Amp Rating	Cartridge/View Size in. (mm)	Temperature Range	Weight oz. (g)
VIKING 3350 ADV	1/25,000	5-13 Internal Digital	1 CR2450 Replaceable Battery	Yes	2.5 / Internal and External	9 Sensitivity Settings	0.1-1.0 Fully Adjustable	5	DC > 2 Amp AC > 2 Amp	Cartridge: 4.50 x 5.25 x .36 (114 x 133 x 9) View: 3.74 x 3.15 (95 x 80mm)	Operating: -10°C to 55° C (14°F to 131°F) Storage: -20°C to 70°C (-4°F to 158°F)	23.6 Oz. (669 g) 25 Oz. (712 g) with LED Module

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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