

4C[®] LENS TECHNOLOGY

Clear as Diamonds



Color

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.

Clarity

All VIKING[®] welding helmets feature the highest optical clarity in the industry. This rating is determined by measuring blurriness, distortion, shade consistency and angle uniformity of the auto-darkening welding lens.

Carat





The weight of the 4C[®] auto-darkening lenses were reduced which improves balance and reduces neck strain to provide all day comfort.

Cut

The propriety technology improves clarity and shade consistency in out of position welding applications.



VIKING[®] Series Comparison - Tailored Features and Price Points

				 NEW!
Specifications	1840 Series	2450 Series	3350 Series	FGS [™] Series
Number of Graphic Options	3	8	14	1
Optic Technology	4C [®] Lens Technology	4C [®] Lens Technology	4C [®] Lens Technology	4C [®] Lens Technology
Optical Clarity Rating	1/1/1	1/1/1	1/1/1	1/1/1
Auto-Darkening Viewing Area	7 Sq. Inch	9.3 Sq. Inch	12.5 Sq. Inch	12.5 Sq. Inch
Variable Shade Range	DIN 9-13	DIN 5-13	DIN 5-13	DIN 5-13
Grind Mode	Yes; External	Yes; Internal	Yes; Internal	Yes; Internal
Integrated Grind Shield	No	No	No	Yes with Anti-Fog Coating
Side Windows	No	No	No	Yes
Auto-Darkening Switching Speed	1 / 25,000 sec.	1 / 25,000 sec.	1 / 25,000 sec.	1 / 25,000 sec.
Number of Arc Sensors	2	4	4	4
Headgear Type	Four Axis Pivot	Four Axis Pivot	Four Axis Pivot	Upgraded Four Axis Pivot
Warranty	3 Years	3 Years	3 Years	3 Years
Value Proposition	Good Value	Enhanced Versatility	Best in Class Specifications & Features	Best in Class Specifications With Added Productivity & Safety Features

*Prices are rounded & for black graphic

VIKING[®]

WELDING HELMETS

VIKING[®] 3350 SERIES



Black K3034-3 Foose Imposter™ K4181-3 White Tail Camo™ K4412-3 Code Red* K4034-3



Jessi vs. The Robot™ K3372-3 Zombie* K4158-3 All American* K3175-3 Twisted Metal* K3248-3



Hot Rodders™ K4440-3 Terracuda* K3039-3 Motorhead* K3100-3 Mojo* K3101-3



Steampunk* K3428-3 Polar Arc* K3255-3

FGS™ SERIES



3250D Black K3540-3

VIKING[®] 2450 & 2450D SERIES



2450D Black K3230-3 Black K3028-3 White Tail Camo™ K4411-3 Heavy Metal* K3029-3



Street Rod* K3035-3 All American* K3174-3 Graveyard Shift* K3099-3 Jessi the Welder™ K4437-3

VIKING[®] 1840 SERIES



Black K3023-3 All American* K3173-3 Aztec™ K4175-3

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.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

The Lincoln Electric Company
22801 St. Clair Avenue • Cleveland, OH • 44117-1199 • U.S.A.

www.lincolnelectric.com