

VIKING™ 1740 Series

AUTO-DARKENING WELDING HELMETS



VIKING™ 1740 ReCode™
K3495-3



VIKING™ 1740 Ignition™
K4375-3



VIKING™ MOSSY OAK
K5241-3



VIKING™ 1740 BLACK
K3282-3

KEY FEATURES

Superior Optics

- Exclusive 4C® Lens Technology
- Perfect 1/1/1 Optical Clarity
- 6.3 Sq. Inch Auto-Darkening Viewing Area

Control & Versatility

- Variable 9-13 Shade, Sensitivity & Delay Control
- Grind Mode with LED Safety Indicator
- Auto On / Off Functionality
- Solar Cell with User Replaceable AAA Batteries

Comfort

- Easily Adjustable Ratchet Headgear
- Front & Back Cushioned Headbands Disperse Pressure
- Lightweight 18.6 oz. Design

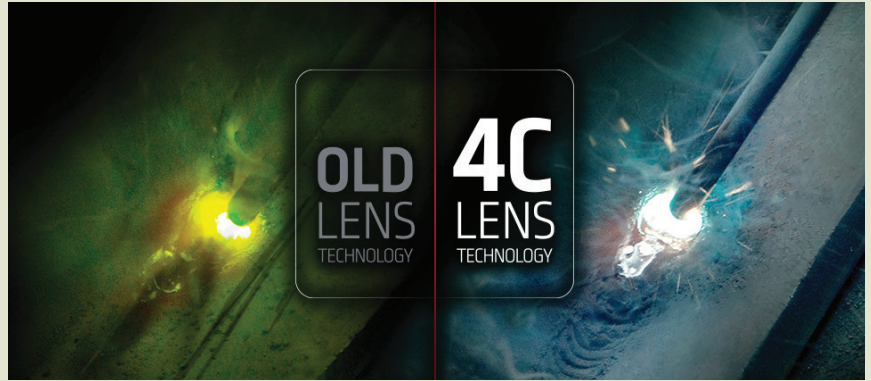
Process »

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

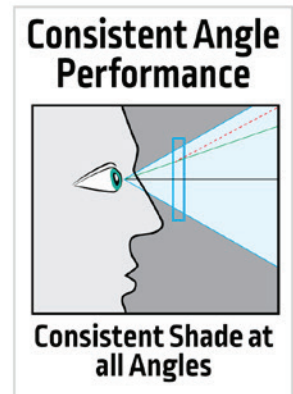
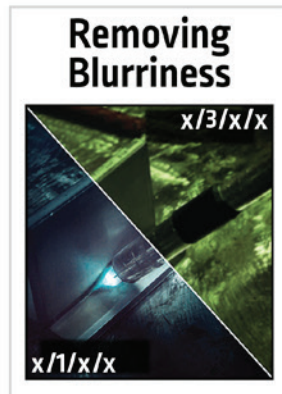
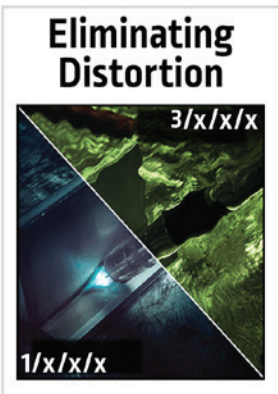


4C[®] LENS TECHNOLOGY

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.



1/1/1 OPTICAL CLARITY



3-POINT PIVOT HEADGEAR

Superior Comfort

1. Adjustable top head support distributes weight and helps eliminate top of head pressure point
2. Soft front headband and large backpad provide additional support and comfort
3. Helmet orientation pin changes the resting position & rotation range of the helmet
4. Forward and backward adjustments



REPLACEMENT PARTS

Part Number	Description	Product
KP3284-2	OUTSIDE CLEAR COVER LENS - 1740 & 1840 SERIES	COVER LENSES
KP3283-1	INSIDE CLEAR COVER LENS - 1740 SERIES	
S27978-58	OUTSIDE COVER LENS SEAL - 1740 & 1840 SERIES	
KP4100-1	TRADITIONAL RATCHET HEADGEAR KIT	HEADGEAR & SWEATBANDS
KP4804-1	SWEATBANDS - SOFT KNIT COTTON W/HOOK & LOOP	
KP4875-1	SOFT BACK PAD FOR RATCHET HEADGEAR	
KP3047-1	HARD HAT ADAPTER - HALO STYLE	HARD HAT ADAPTERS
KP3486-1	HARD HAT ADAPTER - SLOTTED STYLE	
KP3284-3	ADF CARTRIDGE KIT [-3] - 1740 SERIES	AUTO DARKENING FILLER PARTS
S27978-55	ADF HOLDER - 1740 SERIES	
KP4803-1	REPLACEMENT SHELL - MATTE BLACK - 1740 SERIES	SHELL

Product Specifications

Product Name	Lens Switching Speed (sec)	Variable Shade/Control	Magnifying "Cheater" Lens Capable	Grind Mode	Light Sensitivity Control	Arc Sensors	Delay Control Dark to Light (sec)	TIG Amp Rating	Cartridge Size in. (mm)	View Size in. (mm)	Temperature Range	Weight oz. (g)	Warranty
VIKING™ 1740 Series Helmets	1/25,000	9-13/ Internal	Yes	DIN 4	Variable	2	0.10-1.0 Adjustable	≥ 5 Amp AC/DC	4.33 x 3.54 (110 x 90)	3.78 x 1.67 (96 x 42.5)	Operating -10°C - 55°C (14°F - 131°F) Storage -20°C - 70°C (-4°F - 158°F)	18.6 (528)	2 years

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications 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, or to provide engineering advice in relation to a specific situation. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and 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.