

VIKING™ 1740 Series

AUTO-DARKENING WELDING HELMETS



VIKING™ 1740 Black [K3282-3]

VIKING™ 1740
ReCode™
[K3495-3]



VIKING™ 1740 Ignition™ [K4375-3]



KEY FEATURES

Quality

- Perfect 1/1/1 Optical Clarity
- 1/25,000 sec. Switching Time (Inactive to Active)
- 2 Year Warranty

Control

- Variable 9-13 Shade, Sensitivity and Delay Control
- Weld and Grind Mode
- User Replaceable AAA Batteries

Safety

- ANSI Z871-2010 & CSA Z94.3 Compliant
- Auto On / Off Functionality
- Test Mechanism and LED Low Battery Indicator

Processes

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

Applications

Fabrication, Production, Education, Construction

Product Number

VIKING™ 1740 ReCode™ [K3495-3]
VIKING™ 1740 Ignition™ [K4375-3]
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OPTICAL CLARITY - WHY IT'S IMPORTANT

The NEW VIKING™ 1740 Series auto-darkening helmets have a perfect EN379 - 1/1/1 optical clarity rating. This test measures the performance of the auto-darkening filter on four separate optical categories. Each Category is graded on a scale of 1-3, with a score of 1 being the best and 3 being the worst.

Categories:

1. Optical Class – Distortion.
2. Diffusion of Light Class – Blurriness.
3. Variations of Luminous Transmittance – Shade Consistency and Accuracy.
4. Angle Dependence of Luminous Transmittance Class – Shade Consistency and Accuracy at an Angle.

Perfect Lincoln Electric rating of 1/1/1

NOTE: The illustration to the right represents the improved clarity possible with the latest VIKING helmets. Visit your local Lincoln Electric distributor to view the upgraded VIKING clarity under actual welding conditions.



REPLACEMENT PARTS

Part Number	Description	Dimensions (mm)	Package Quantity
KP3284-2	1740 ADF Cartridge	STD 110 x 90	1
KP3283-1	1740 Inside clear cover lens kit	95.9 x 47.2 x 1.00	2
KP2930-1	Sweatband	N/A	2
KP4100-1	Headgear w/sweatband	N/A	1
KP3047-1	Hard hat adapter	N/A	1
KP 3043-1	Outside cover lens	114 x 100 x 1.5	5

PRODUCT SPECIFICATIONS

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

CUSTOMER ASSISTANCE POLICY

Lincoln Electric® business 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 advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric® is not in a position to warrant or guarantee such advice and to the extent permitted by law assumes no liability, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given. The provision of information or advice does not create, expand or alter this warranty. 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 this type of fabrication methods and service requirements. **Subject to Change – This information is accurate to the best of our knowledge at the time of printing.**

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