VIKING™ 1740 Series
AUTO-DARKENING WELDING HELMETS

KEY FEATURES

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

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

Safety
- ANSI Z87.1-2010 & CSA Z94.3 Compliant
- Auto On / Off Functionality
- Test Mechanism & LED Low Battery Indicator

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

Shown:
VIKING™ 1740 ReCode™
K3495-2

Shown:
VIKING™ 1740 Ignition™
K4375-2

Shown:
VIKING™ 1740 BLACK
K3282-2
Optical Clarity - Why It’s Important

Optical Clarity
The NEW VIKING™ 1740 Series auto-darkening helmets have a perfect EN379 - 1/1/1/1 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 & Accuracy
4. Angle Dependence of Luminous Transmittance Class – Shade Consistency & Accuracy at an Angle

Perfect Lincoln Electric rating of 1/1/1/1
NOTE: The illustration above 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.

VIKING™ 1740 Series Helmets

VIKING™ 1740 BLACK
K3282-2

VIKING™ 1740 ReCode™
K3495-2

VIKING™ 1740 Ignition™
K4375-2

REPLACEMENT PARTS

<table>
<thead>
<tr>
<th>Sales Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Package Qty</th>
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</thead>
<tbody>
<tr>
<td>KP3284-2</td>
<td>1740 ADF CARTRIDGE</td>
<td>STD 110 x 90</td>
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<tr>
<td>KP3283-1</td>
<td>1740 INSIDE CLEAR COVER LENS KIT</td>
<td>95.9 x 47.2 x 1.00 mm</td>
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<tr>
<td>KP2930-1</td>
<td>SWEATBAND</td>
<td>N/A</td>
<td>2</td>
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<td>KP4100-1</td>
<td>HEADGEAR W/SWEATBAND</td>
<td>N/A</td>
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<td>KP3047-1</td>
<td>HARD HAT ADAPTER</td>
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<tr>
<td>S27978-58</td>
<td>OUTSIDE COVER LENS SEAL</td>
<td>N/A</td>
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<td>S27978-55</td>
<td>ADF HOLDER</td>
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<td>KP 3043-1</td>
<td>OUTSIDE COVER LENS</td>
<td>114 x 100 x 1.5 mm</td>
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<td>S27978-95</td>
<td>1740 BLACK REPLACEMENT SHELL</td>
<td>N/A</td>
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Product Specifications

<table>
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<tr>
<th>Product Name</th>
<th>Lens Switching Speed (sec)</th>
<th>Variable Shade/Control</th>
<th>Magnifying “Cheater” Lens Capable</th>
<th>Grind Mode</th>
<th>Light Sensitivity Control</th>
<th>Arc Sensors</th>
<th>Delay Control Dark to Light (sec)</th>
<th>TiG Amp Rating</th>
<th>Cartridge Size in. (mm)</th>
<th>View Size in. (mm)</th>
<th>Temperature Range</th>
<th>Weight oz. (g)</th>
<th>Warranty</th>
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<tbody>
<tr>
<td>VIKING™ 1740 Series Helmets</td>
<td>1/25,000</td>
<td>9-13/ Internal</td>
<td>Yes</td>
<td>DIN 4</td>
<td>Variable</td>
<td>2</td>
<td>0.10-1.0 Adjustable</td>
<td>≥ 5Amp AC/DC</td>
<td>4.33 x 3.54 (110 x 90)</td>
<td>3.78 x 1.67 (56 x 42.5)</td>
<td>Operating: -10°C - 55°C (14°F - 131°F); Storage: -20°C - 70°C (-4°F - 158°F)</td>
<td>18.6 (528)</td>
<td>2 years</td>
</tr>
</tbody>
</table>

CUSTOM 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 exceed their expectations. From time to time, 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, modify, or alter any warranty on our products. Any express or implied warranty that might arise from this information or advice, including any implied warranty of merchantability or any warranty of fitness for any customer’s particular purpose is specifically disclaimed.

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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 Saint Clair Avenue • Cleveland, OH • 44117 • U.S.A.
Phone: +1 216.481.8100 • www.lincolnelectric.com