

VIKING 3250D FGS™ SERIES

WELDING HELMET WITH INTEGRATED FLIP-UP GRIND SHIELD



LINCOLN[®]
ELECTRIC



THE SINGLE HELMET SOLUTION

In any fabrication environment, productivity, safety and optic clarity are important. The VIKING® 3250D FGS™ from Lincoln Electric provides enhancements to each of these elements when compared to a standard welding helmet. Designed for the professional welder, the 3250D FGS significantly increases the operators' field of view with the integration of a clear face shield and side windows. These features can reduce the amount of time needed to conduct material setup, inspection and weld operations. The increased FOV also can make general movements less hazardous and eliminates the need for removing the helmet to conduct various required tasks. This is coupled with an industry leading optic design, 4C® Lens Technology, which maximises colour distinguishment while eliminating blur, distortion and providing a consistent shade at any angle. The 75mm x 108mm auto-darkening viewing area is the largest for this product type industry wide. This provides a perfectly clear widescreen view of the arc, puddle and base material to maximise quality, productivity and control. Every professional fabrication task comes with its own set of circumstances and demands, but when it comes to productivity, safety and optical clarity the 3250D FGS is the only welding helmet you need.



The VIKING® FGS™ 3250D welding helmet features world class optic technology to improve quality, expand safety and reduce eye strain. 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 colour range and hues which can be seen in both light and dark states. This eliminates imperfections and colour saturation to create the clearest view of the base material, arc and puddle, while reducing eye strain.



PERFECT OPTICAL CLARITY WITH INDUSTRY'S LARGEST VIEWING AREA*

1. No blurriness
2. No distortion
3. Completely even shade
4. Uniform angle clarity
5. Widescreen aspect ratio increases field of view
6. Digital controls increase precision



*For Auto-darkening welding helmets with an integrated grind shield

MAXIMISING FIELD OF VIEW

The VIKING® FGS™ 3250D welding helmet increases field of view in both the open and closed positions. This provides operators with various safety and productivity enhancements.



SAFETY

- Meets AS/NZS 1338.1 CE EN 379
- ANSI Z87.1 compliant grind shield protects operators from various impact hazards
- The 161 degree field of vision makes material inspection, grinding and general movements less hazardous
- Shade 5 side windows increase peripheral vision in the closed position
- The anti-fog lens coating allows for a more consistently clear view



PRODUCTIVITY

- The integration of a clear grind shield shortens the amount of time needed to begin grinding operations and eliminates the need for a separate face shield
- The expanded field of vision in both positions can reduce setup, inspection and weld time
- The large auto-darkening viewing area enhances operator control

ADDED FEATURES AND BENEFITS



CHEATER LENS CAPABLE

- Simple slide-in bracket is mounted on the auto-darkening filter to offer vision assistance
- Compatible with 2 x 4 dimensioned lens



HARD HAT CAPABLE

- Helmet shell design offers clearance for an expanded range of hard hats
- Compatible with slotted and non-slotted hard hats
- Robust connection design



ADVANCED HEADGEAR

- Easy forward and backward slide adjustments
- Up and down orientation pin
- Vertical position lock
- Variable tightness expands versatility

KEY FEATURES



1. 4C[®] Lens technology provides an unparalleled view of the arc, puddle and base material while reducing eye strain
2. Perfect 1/1/1 optical clarity eliminates distortion and blurriness while maintaining shade consistency and improving angle performance
3. 75mm x 108mm auto-darkening display offers a widescreen process view to broaden field of view and enhance operator control
4. Shade 5 side windows increases peripheral vision in the closed helmet position
5. Flame retardant head covering provides protection from spatter and improves comfort
6. Large integrated grinding shield protects operators from impacts while providing a clear viewing area for grinding and material inspection
7. Anti-fog coating helps maintain a consistently clear view
8. 4 Axis headgear provides multi-directional adjustments to evenly distribute weight and improve comfort
9. Comes with helmet bag, bandana, side window covers and extra cover lenses

PRODUCT SPECIFICATIONS

Product Name	3250D FGS Series	View Size (mm)	75 x 108
Product Number	K3540-3-CE	Temperature Range	Operating: -10°C - +55°C Storage: -20°C - +70°C
Lens Switching Speed (sec)	1/25,000	Weight (g)	793
Variable Shade / Control	5-13 Internal	Optical Clarity	1/1/1 4C Technology
Magnifying "Cheater" Capable Lens	Yes	Head Gear	4 Axis Headgear
Grind Mode Shade / Control	4 / Internal	Battery Type	2 x CR2450 Replaceable Batteries
Light Sensitivity Control	Digital Display Control	Warranty	3 Years
Delay Control Dark to Light (sec)	0.0-1.0 Digital Adjustment	Bonus Accessories	Helmet bag, bandana, side window covers and extra cover lenses
Arc Sensors	4		
TIG Amp Rating	DC ≥ 2A · AC ≥ 2A		

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.

The Lincoln Electric Company (Australia) Pty. Ltd.
35 Bryant Street Padstow NSW 2211 Australia
Ph: 1300 728 720 (AU) | 0800 728 720 (NZ)
www.lincolnelectric.com.au

