AUTO DARKENING WELDING HELMETS

WeldSkill | ProLite | ProPlus

COMPLETE RANGE

MIG
STICK
TIG
PLASMA
CIGWELD WeldSkill Welding Helmets are specifically designed for the budget conscious user and offer excellent comfort & performance.

The WeldSkill Auto-Darkening helmet range is fitted with the latest auto-darkening shade lenses and is available in 8 models; one with a fixed shade 11 lens and 7 other models with a variable shade 9-13 lens. All models can be fitted with an optional CIGWELD magnification lens which magnifies the work area to substantially assist the welder in maintaining the high standards required.

The value-for-money WeldSkill Auto-Darkening helmet range provides the personal eye protection required for a solid day’s welding.

*Note: 454304 Black (Fixed Shade) does not have a replaceable battery or Ultra View Lens

* with only recommended for TIG welding of 60Amps & above (2 sensor).
“A great everyday welding helmet for light duty use.”

**FEATURES**

**Auto Darkening**
This welding helmet is fitted with an auto-darkening variable shade 9-13 filter lens.*

**Auto Darkening**
This welding helmet is fitted with an auto-darkening fixed shade 11 filter lens.*

**Impact Rating**
High Medium Impact Rating. This welding helmet complies with the medium impact requirements outlined in AS/NZS 1337:1992.*

**Ultra View Lens**
(Tru Colour Lens) with blue-light filter

**High Speed Reaction Time**

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>FIXED SHADE 11</th>
<th>VARIABLE SHADE 9-13</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Features</strong></td>
<td>Auto-darkening Filter Lens</td>
</tr>
<tr>
<td></td>
<td>Sensitivity &amp; delay adjustments</td>
</tr>
<tr>
<td></td>
<td>Optional magnification lens compatible</td>
</tr>
<tr>
<td>Filter lens dimensions</td>
<td>110 x 90 x 9mm</td>
</tr>
<tr>
<td>Viewing area dimensions</td>
<td>98 x 43mm</td>
</tr>
<tr>
<td>Reaction time</td>
<td>0.2ms*</td>
</tr>
<tr>
<td>Sensors</td>
<td>2 optical sensors</td>
</tr>
<tr>
<td>Power supply</td>
<td>Solar cells</td>
</tr>
<tr>
<td>Unactivated shade level</td>
<td>4</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-5°C to +55°C</td>
</tr>
<tr>
<td>On/Off control</td>
<td>Automatic</td>
</tr>
<tr>
<td>Weight</td>
<td>495g</td>
</tr>
<tr>
<td>Replaceable Batteries</td>
<td>Solar Cells, Battery not Replaceable</td>
</tr>
<tr>
<td>Package contents</td>
<td>WeldSkill Auto-Darkening Welding Helmet</td>
</tr>
</tbody>
</table>

---

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>WeldSkill Welding Helmet Fixed Shade 11 – Black</td>
<td>454304</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Pink Lady</td>
<td>454336</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Flaming Skull</td>
<td>454335</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Blue</td>
<td>454305</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Carbon Fibre</td>
<td>454314</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Racer</td>
<td>454321</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Tribal</td>
<td>454322</td>
</tr>
<tr>
<td>WeldSkill Welding Helmet Variable Shade 9-13 – Oz Flag</td>
<td>454324</td>
</tr>
<tr>
<td>WeldSkill Auto-Darkening Filter Lens Fixed Shade 11</td>
<td>454306</td>
</tr>
<tr>
<td>WeldSkill Auto-Darkening Filter Lens Variable Shade 9-13</td>
<td>454307</td>
</tr>
<tr>
<td>WeldSkill Safety Kit</td>
<td>450077</td>
</tr>
<tr>
<td>Front Cover Lens WeldSkill Auto-Darkening</td>
<td>454308</td>
</tr>
<tr>
<td>Rear Cover Lens WeldSkill Auto-Darkening</td>
<td>454309</td>
</tr>
<tr>
<td>Harness Assembly WeldSkill Welding Helmet</td>
<td>454310</td>
</tr>
<tr>
<td>Sweat Band WeldSkill Welding Helmet</td>
<td>454311</td>
</tr>
<tr>
<td>Control Knob External WeldSkill</td>
<td>454315</td>
</tr>
<tr>
<td>Magnification Lens Frame</td>
<td>454320</td>
</tr>
<tr>
<td>Magnification Lens 1.50 diopter</td>
<td>454012</td>
</tr>
<tr>
<td>Magnification Lens 2.00 diopter</td>
<td>454010</td>
</tr>
<tr>
<td>Magnification Lens 2.25 diopter</td>
<td>454014</td>
</tr>
<tr>
<td>Magnification Lens 2.50 diopter</td>
<td>454011</td>
</tr>
</tbody>
</table>

Whether you’ve got your nose to the grindstone or you’re striking an arc, you can trust CIGWELD’s ProLite series of auto-darkening helmets to keep you focused.

You’ve only got two eyes, so why take any chances with flash burns. With a ProLite welding helmet, you can work in comfort and safety wherever you are — thanks to state of the art auto-darkening technology. It’s all down to four sensors. Even at very low amperages, the helmet remains dark which makes it ideal for TIG work as well as more powerful stick and MIG jobs.

As with all CIGWELD products, our helmets have been designed to make your life easier. A simple switch allows you to choose between welding and grinding modes, so you’re not plunged into darkness the moment you pick up your grinder. There’s an optional magnification lens too, which slots in easily to make light work of more fiddly jobs.

Best of all, the ProLite range is fully compliant with Australian standards — which means you’re buying from a brand you can trust.

- Ultra View True Colour Lens with Blue Light Filter allows the operator to see truer colour at their work piece while reducing the operator’s visual fatigue if concentrating on an arc all day.
- Complies to Australian Standards AS/NZS 1337.1 & AS/NZS 1338.1
- 4 Sensor Auto-Darkening Filter Lens
- High Impact Rating
- Low Amperage TIG Welding Rating
- Magnification Lens Compatible
- Replaceable Batteries
- 3 Years Limited Warranty

**MIG**

**STICK**

**TIG**

**PLASMA**

**CLAW**

**HOWLING WOLF**

**SPACE**

**SHADOW**

**SPIDER**

**MATRIX 1.0**
“Whether you’re welding or plasma cutting, the ProLite range has you covered”

**FEATURES**

- **Auto Darkening**
  - This welding helmet is fitted with an auto-darkening variable shade 9-13 filter lens.*

- **4 Sensor**
  - Auto-Darkening filter lens is equipped with four arc sensors suitable for all welding applications including low amperage TIG.

- **High Impact Rating**
  - This welding helmet complies with the high impact requirements outlined in AS/NZS 1337.1.

- **Viewing Area 98 x 55mm**

- **Ultra View Lens**
  - (True Colour Lens) with blue light filter

- **High Speed Reaction Time**

- **Adjustable Sensitivity and Delay**

- **Welding & Grinding Modes**
  - Grind State Shade 4.

- **Magnification**
  - This welding helmet can be fitted with an optional CIGWELD magnification lens.*

- **AS Compliance**
  - This welding helmet shell complies to AS/NZS 1337.1. The auto-darkening filter lens complies to AS/NZS 1338.1.

- **3 Year Limited Warranty**
  - For replacement parts, please contact your CIGWELD dealer.

**SPECSIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Viewing Area</strong></td>
<td>98 x 55mm</td>
</tr>
<tr>
<td><strong>Cartridge Size</strong></td>
<td>120 x 100 x 18 mm</td>
</tr>
<tr>
<td><strong>Number of Sensors</strong></td>
<td>4 Optical Sensors</td>
</tr>
<tr>
<td><strong>Light State</strong></td>
<td>Shade 4</td>
</tr>
<tr>
<td><strong>Grind State</strong></td>
<td>Shade 4</td>
</tr>
<tr>
<td><strong>Arc Welding Shades</strong></td>
<td>Shade 9 to 13</td>
</tr>
<tr>
<td><strong>Plasma Cutting Shades</strong></td>
<td>Shade 9 to 13</td>
</tr>
<tr>
<td><strong>Power On/Off</strong></td>
<td>Automatic</td>
</tr>
<tr>
<td><strong>Sensitivity Control</strong></td>
<td>Low to High</td>
</tr>
<tr>
<td><strong>UV/IR Protection</strong></td>
<td>All Shades Provide Continuous UV/IR Protection</td>
</tr>
<tr>
<td><strong>Power Supplies</strong></td>
<td>Solar cell Replaceable 2 x CR2450 Lithium Batteries (Included)</td>
</tr>
<tr>
<td><strong>Modes</strong></td>
<td>Welding &amp; Grinding</td>
</tr>
<tr>
<td><strong>Delay Time (Dark to Light)</strong></td>
<td>Min (0.3 sec) - Max (0.9 sec)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-5°C to +55°C</td>
</tr>
<tr>
<td><strong>Storing Temperature</strong></td>
<td>-20°C to +70°C</td>
</tr>
<tr>
<td><strong>Helmet Material</strong></td>
<td>High Impact Resistant Nylon</td>
</tr>
<tr>
<td><strong>Total Weight</strong></td>
<td>470g</td>
</tr>
<tr>
<td><strong>Applications:</strong></td>
<td>MIG (GMAW/FCAW), Stick (MMAW), TIG (GTAW), Plasma Arc Cutting (PAC), Plasma Arc Welding (PAW), Carbon Arc Gouging-Air (CAG-A).</td>
</tr>
<tr>
<td><strong>Package contents</strong></td>
<td>ProLite Auto-Darkening Welding Helmet Helmet Bag, Front Cover Lenses (spare x 2), Rear Cover Lenses (spare x 2), Sweatband (spare x 1) Operating Manual</td>
</tr>
</tbody>
</table>

**ORDERING INFORMATION**

- ProLite Auto-Darkening Welding Helmet – Space 454332
- ProLite Auto-Darkening Welding Helmet – Claw 454333
- ProLite Auto-Darkening Welding Helmet – Shadow 454334
- ProLite Auto-Darkening Welding Helmet – Howling Wolf 454342
- ProLite Auto-Darkening Welding Helmet – Redback Spider 454343
- ProLite Auto-Darkening Welding Helmet – Matrix 1.0 454344
- Sweatband 454326
- Harness Assembly (including Sweatband) 454327
- Rear Cover Lens 454328
- Auto-Darkening Filter Lens 454325
- Front Cover Lens 454329
- Control Knob 454330
- Magnification Lens 1.50 Diopter 454012
- Magnification Lens 2.00 Diopter 454010
- Magnification Lens 2.25 Diopter 454014
- Magnification Lens 2.50 Diopter 454011

* Refer to Operating Manual for details.
Download: cigweld.com.au/manuals
Enhance your performance with the ProPlus Welding Helmet.

When the focus of your day is a white hot point of molten metal, you want to make sure that focus is at your control. The CIGWELD ProPlus Digital Auto-Darkening Welding Helmet has exceptional response inbuilt to the 4 sensor auto-darkening filter lens to ensure there is no disruption between welding jobs.

Move between welding, cutting and grinding without distraction— the helmet reaction time is 1/25,000th of a second. The low amperage TIG rating of 2 amps and above supports even the most subtle welding applications, so you can control the arc while your helmet intelligently controls the visibility.

This feature-packed welding helmet incorporates all the features you want and develops them to react intuitively to your working style. The digital LCD display delivers a discreet feed of the settings with a manual option for when you require total control. And the precision designed viewing area provides the optimal dimensions to hone in on the task without fringe distractions.

You'll also love the endless endurance of the solar assisted battery life in this high performance helmet when the ergonomic 4 point harness with cushion support that moulds to your head.

In addition to above features, optional CIGWELD magnification lenses can further extend the vision enhancement of the ProPlus Welding Helmet. The seamless environment of this cutting edge mask will hone your day into laser point of focus. Why not find out how efficient you can be?

- Complies to Australian Standards AS/NZS 1337.1 & AS/NZS 1338.1
- 4 Sensor Auto-Darkening Filter Lens
- High Impact Rating
- Low Amperage TIG Welding Rating
- Digital Display and Controls
- Reaction Time 1/25,000 sec
- Magnification Lens Compatible
- Replaceable Batteries
- 2 Years Limited Warranty
“If you’re a serious welder, you need a serious welding helmet”

**FEATURES**

- **Auto Darkening**: This welding helmet is fitted with an auto-darkening variable shade 5-13 filter lens.*
- **High Impact Rating**: This welding helmet complies with the high impact requirements outlined in AS/NZS 1337.1.
- **4 Sensor**: Auto-Darkening filter lens is equipped with four arc sensors suitable for all welding applications including low amperage TIG.
- **Digital Display**: The auto-darkening filter lens features a digital led display and controls.
- **Viewing Area**: 97 x 62 mm
- **Optical Class**: 1 / 1 / 1 / 2

**SPECIFICATIONS**

- **Viewing Area**: 97 x 62 mm
- **Cartridge Size**: 133 x 114 x 9 mm
- **Number of Sensors**: 4 Optical Sensors
- **Light State**: Shade No. 4
- **Grind State**: Shade No. 4
- **Oxy/Fuel Welding and Cutting Shades**: Shade No. 5 to No. 8 Digitally Controlled
- **Arc Welding Shades**: Shade No. 8 to No. 13 Digitally Controlled
- **Plasma Cutting Shades**: Shade No. 8 to No. 13 Digitally Controlled
- **Shade Control**: Internal, Variable Shade Digitally Controlled
- **Power On/Off**: Manual-On, Auto-Off
- **Sensitivity Control**: Low No. 0 to High No. 10 Digitally Controlled
- **UV/IR Protection**: All Shades Provide Continuous UV/IR Protection
- **Power Supplies**: Solar cell Replaceable 2 x CR2450 Lithium Batteries (Included)
- **Switching Time (Light to Dark)**: 0.00004 (1/25,000) Seconds
- **Modes**: Welding, Cutting & Grinding
- **Delay Time (Dark to Light)**: 0.1 – 1.0s Digitally Controlled
- **Low Amperage TIG Rated**: ≥ 2 amps (DC), ≥ 2 amps (AC)
- **Operating Temperature**: -10°C – +55°C
- **Storing Temperature**: -20°C – +70°C
- **Helmet Material**: High Impact Resistant Nylon
- **Total Weight**: 500g
- **Applications**: MIG (GMAW/FCAW), Stick (MMAW), TIG (GTAW), Plasma Arc Cutting (PAC), Plasma Arc Welding (PAW), Carbon Arc Gouging-Air (CAG-A), Oxy/Fuel Gas Welding (OFW), Oxygen Cutting (OC), Grinding

**ORDERING INFORMATION**

- **ProPlus Digital Auto-Darkening Welding Helmet — Blue** 454350
- **ProPlus Digital Auto-Darkening Welding Helmet — Web** 454351
- **ProPlus Digital Auto-Darkening Welding Helmet — Barbed Wire** 454352
- **ProPlus Digital Auto-Darkening Welding Helmet — Pro Racer** 454353
- **Digital Auto-Darkening Filter Lens** 454354
- **Front Cover Lens Seal** 454355
- **Rear Cover Lens** 454356
- **Harness Assembly** 454357
- **Sweatband** 454358
- **Magnification Lens 1.50 Diopter** 454359
- **Magnification Lens 2.00 Diopter** 454360
- **Magnification Lens 2.25 Diopter** 454361
- **Magnification Lens 2.50 Diopter** 454362

**Compliance**

This welding helmet shell complies to AS/ NZS 1337.1. The auto-darkening filter lens complies to AS/NZS 1338.1.

**Warranty**

2 Year Limited Warranty.*

* Refer to Operating Manual for details.

Download: cigweld.com.au/manuals
WELDING SAFETY

Hiderok

LIFT FRONT WELDING HELMET

The ORIGINAL Hiderok™ welding helmet first developed by CIGWELD and still going strong.

Hiderok™ welding helmets are moulded to offer a lightweight construction, strength, flexibility and heat resistance while still providing the wearer with the comfort and balance necessary for a hard day’s work.

Shade 11
Part No 453833 or 453833IND

Visor

SHADE 5 WITH BROWGUARD

Great protection for Cutting and Gouging.

Faceshield visor shade 5 complete certified to AS1337, specifically designed for Gas cutting & gouging & light plasma cutting & gouging with full face protection. (Also available in a clear visor version).

Part No 454638

WeldSkill]

Essential Welding Helmet - Auto-Darkening

The new WeldSkill Essential Helmet is the perfect entry level helmet for those DIY welders on a budget who don’t want to sacrifice on safety.

- 2 Sensor Auto-darkening variable shade 9-13 filter lens.
- 94mm x 36mm viewing area.
- Medium Impact Rating.
- Fast Reaction Time.
- Adjustable Sensitivity and Delay.
- 1 Year Limited Warranty*

* Refer to Operational Manual

Part No 454337

Shade Selection:

- **WELDSKILL**
  - Shade 9-13
  - Viewing Area: 94 x 36mm
  - Weight: 495g
  - Process: MIG, TIG
  - Digital: N/A
  - Impact Rating: MED
  - Replaceable Batteries: YES
  - Warranty: 2 YEARS

- **PROLITE**
  - Shade 9-13
  - Viewing Area: 88 x 50mm
  - Weight: 470g
  - Process: MIG, TIG, PLASMA
  - Digital: N/A
  - Impact Rating: HIGH
  - Replaceable Batteries: YES
  - Warranty: 3 YEARS

- **PROPLUS**
  - Shade 5-13
  - Viewing Area: 97 x 62mm
  - Weight: 500g
  - Process: MIG, TIG, PLASMA
  - Digital: TIG
  - Impact Rating: HIGH
  - Replaceable Batteries: YES
  - Warranty: 2 YEARS

Recommended Shades:

- **Arc Welding Shades**
  - Shade #6
  - Shade #9
  - Shade #10
  - Shade #11
  - Shade #12
  - Shade #13

- **Plasma Cutting Shades**
  - Shade #5
  - Shade #6
  - Shade #7
  - Shade #8
  - Shade #9

- **Oxy/Fuel Welding and Cutting Shades**
  - Shade #5

In the interest of continuous improvements, CIGWELD Pty Ltd ABN 96 007 226 815 (An ESAB Brand) reserves the right to change specifications or design on any of its products without prior notice.

CIGWELD Pty Ltd An ESAB Brand
71 Gower Street, Preston VIC 3072 Australia
Customer Care: Tel: 1300 634 974 Fax: 03 9474 7391 | Email: enquiries@cigweld.com.au
International Enquiries: Tel: +61 3 9474 7508 Fax: +61 3 9474 7488