



## VISIOWIDE

Auto-Darkening  
Welding Helmet

# DAIKO WELDING HELMET VISIOWIDE

## UNMATCHED CLARITY UNRIVALED PROTECTION

The VISIOWIDE helmet sets a new standard in welding visibility and comfort. Featuring a 25% larger viewing area (125x60mm) compared to standard helmets, it offers unmatched clarity and spatial awareness, essential for precision work.

Despite its advanced protection and integrated powered air-purifying respirator (PAPR), the full system remains lightweight at just 4kg, ensuring all-day wearability without fatigue. An external grinding function allows for quick and seamless transitions between welding and grinding tasks, enhancing workflow efficiency. With a top-rated 1/1/1/1 optical classification, true color technology, and a highly efficient 99.996% filtration system, VISIOWIDE delivers superior performance, safety, and comfort for demanding welding environments.



FIELD OF VISION  
**25%  
LARGER**

**2** YEAR  
PRODUCT  
WARRANTY

- E-ink
- Large E-ink screen  
Functional operation interface
- Half shade setting
- Lock shade mode
- Two sets of memory function
- External grinding function
- CE ANSI CSA AS/NZS

### PRODUCT FEATURE

- 25% larger Field of vision
- Anti-Blue true color technology
- Light Shade 3# Optical classification 1/1/1 and V1
- UV/IR Protection DIN 15

### USABLE FOR

- FCAW
- GTAW
- SMAW
- GMAW



## VISIOWIDE

Auto-Darkening Welding Helmet Technical Characteristics

<b>Filter dimension</b>	137 x 120 x 8.5 mm (5.37" x 4.72" x 0.33")
<b>Weight</b>	580 g
<b>View size</b>	125 x 60mm (4.92" x 2.36")
<b>Classification</b>	EN379 1/1/1/1; ISO V1
<b>Sensors</b>	4
<b>Light state</b>	Shade3
<b>Dark state</b>	Variable shade 5-9/9-13
<b>Shade control</b>	Internal, digital control
<b>Lock shade</b>	Yes
<b>Memory</b>	2 setting
<b>Switching time</b>	0.04ms (ANSI)
<b>Sensitivity control</b>	Adjustable (Level 1 - Level 5 for Low-high)
<b>Delay time control</b>	Adjustable (Level 1 - Level 5 for 0.1 - 0.9s)
<b>Grinding function</b>	Yes; External
<b>Low battery warning indicator</b>	Yes
<b>Power supply</b>	Solar cell, replaceable battery (CR2450*2PCS)

## VISIOWIDEAIR

Powered Air-Purifying Respirator Technical Characteristics

<b>Size (Blower Assembly)</b>	9.48 x 7.82 x 3.09 in. (240.7 x 198.7 x 78.5 mm)
<b>Weight</b>	4kg (includes all parts)
<b>IP Rating</b>	IP 54 in use, IP67 fitted with cleaning kit
<b>Airflow</b>	Level 1: >170L/min Level 2: 190L/min Level 3: 210L/min
<b>System</b>	Automatic detecting and controlling system constantly providing stable clean air
<b>Human-Computer Interface</b>	Color screen TFT digital display
<b>Warning</b>	Color Screen TFT Display; Audible; Vibration; Running LED Light; Low Battery; Jammed filter; High Temp Battery; Gas filter service life
<b>Working Noise</b>	Max.70dB
<b>HE Filter Efficiency</b>	Particle 99.996% @0.185 µm
<b>Filter</b>	A2 / A2B2E2K1 / Particle Filter
<b>Battery life</b>	Standard battery(11.1V 4500mAh) Level 1: >8h Level 2: >6h Level 3: >4h
<b>Battery</b>	Standard battery: LI-ION 11.1V 4500mAh Heavy duty battery (Optional) : 11.1V 9000mAh
<b>Charging time</b>	Standard battery: 3.5H Heavy duty battery: 7H
<b>Charging frequency</b>	> 500
<b>Operating Temperature</b>	-15°C - 55°C
<b>Certifications</b>	CE EN12941; GB30864

### Respirator Details

- 1 Filter cover
- 2 Spark arrestor
- 3 Prefilter
- 4 HE filter
- 5 Heavy duty battery (optional) 15h+ Running time
- 6 Blower unit



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