



WELDFAST

(UK) LTD



Freflow V3 Respiratory Welding Helmet

SAFETY IS EVERYTHING

Product Features



Flip-Up-Design

Easy lift up for Grinding Function, Suiting Welding / Cutting / Grinding mode.

Filter efficiency $\geq 99.97\%$

Respiratory Protection

Filter efficiency $\geq 99.97\%$, Preventing inhalation of dust, pollutants, fine particles as well as other contaminants.

Large View for Grinding

20 x 12 cm area, Large and curved transparent grinding anti-fog lens.

Intelligent Air Supply

Respirator will self-adjust the flow rate according to the blockage of the filter automatically.

Rechargeable Li-ion Battery

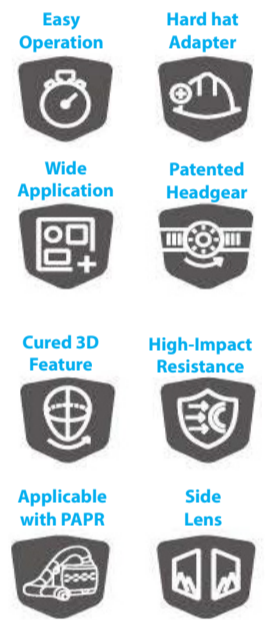
Rechargeable battery for longer lifetime. Fast-charging option makes charging only 1 hour.

Real-Time Display Indicator

Filter status / airflow rate / battery capacity indicator, real-time monitoring and displaying.

Auto-Alarm System

Flashing indicator, beeping sound, together with vibrating blower to ensure safety.



Respirator Specifications

Airflow Rate	Low Speed - 170+lpm (6+cfm) High Speed 210+lpm (7.4+cfm)
Battery Type	Rechargeable Li-ion Battery
Battery Duration	9 Hours (Standard Battery) 170+lpm 5-6 Hours (Standard Battery) 210+lpm 15 hours (Extended Battery) 210+lpm 9 Hours (Extended Battery) 210+lpm
Battery Charge Time	1 Hour (Standard Battery) 2 Hours (Extended Battery)
Battery Life	500 Charges
Filter Efficiency	99.97%
Alarms	Visible, Audible and Vibrate
Operating Temp	-5°C - +55°C (23°F - 131°F)
Storing Temp	-10°C - +55°C (14°F - 131°F)
Operating Relative Humidity	< 90%
Storage Relative Humidity	< 85%
Weight (Blower unit and Battery)	1020g
Respirator Approved	EN 12941 TH3 P R SL NIOSH 42 CFR PART 84 AS/NZS 1716



ADF Specifications

Optical Class	1 / 1 / 1 / 1
Viewing Area	107 x 75 mm (4.21" x 2.95")
Cartridge Size	156 x 123 x 33 mm (6.14" x 4.84" x 1.30")
Arc Sensor	4
Light State	DIN 4
Grind State	DIN 4
Cutting Shade	Shade No. from 5 to 8
Welding Shade	Shade No. from 9 to 13
Shade Control	Internal, Digital Display Control
Power On / Off	Automatic On / Off
Sensitivity Control	Low - High, Digital Display Control
UV / IR Protection	Up to shade DIN16 at all times
Power Supply	Solar cell, Battery replacement 2 x CR2450 Lithium Battery
Switching Time	1/25,000 s. from Light to Dark
Grinding	Yes
Delay (Dark to Light)	0.1 - 1.0 s, Digital Display Control
Low Amperage TIG Rated	≥ 2 amps (DC); ≥ 2 amps (AC)
Operating Temp	-10°C - +55°C (14°F - 131°F)
Storing Temp	-20°C - +70°C (-4°F - 158°F)
Helmet Material	High Impact Resistance Nylon
Approved	DIN CE SP ANSI 287.1 AS/NZS



Order your Freflow V3 today - **SAFE4033** Contact our Sales team for more information on sales@weldfastuk.co.uk or Call - 01782 566553

