

TECMEN G10 Face Shield Helmet and FreFlow Respirator

Convenient, comfortable and easy to adjust, the TECMEN G10 is a compact shaped bump cap with face shield that provides users with eye, face, head and respiratory protection.



Multipoint buffer
to disperse vibrations.

Bump Cap Head protection
Blended engineering plastics with both rigidity and toughness. Compliant to EN812:2012.

Flip-up design
Easily flip-up the face shield.

Simple to operate
One button control on/off and adjust airflow.

Air hose
connecting to helmet, comes with flame retardant cover.

Audio-visual and vibrating alarm indicates when battery charge and/or filter replacement is required.

2 Year Warranty on blower unit

Filter efficiency
>99.97%

Intelligent air supply
Self-adjust airflow rate according to the blockage of the filter.

Rechargeable Li-ion battery
1 hour quick charge gives up to 9 hours of uninterrupted air-flow, with the best warranty in the market. 1 year warranty.

Heavy duty belt
Can also be worn with shoulder straps.

Comfortable, 6 point adjustable head gear
Top of the headgear is adjustable in 6 positions, the rear is infinitely adjustable to suit a variety of head shapes.

Water resistant flame retardant face seal with great sealing performance, ensuring that a micro-positive pressure state is formed in the face shield.

Large impact resistant face shield provides unobstructed vision with no distortion and allows complete transmission of light while protecting the eyes and face from heat and debris.

Face shield impact rating
Certified to EN166:2001 CE CatII
3 - Splashes of liquids.
9 - Molten metals and hot solids.
High impact rating to ASNZS1337



TECMEN G10 Face Shield Helmet Specification

G10 Helmet with FreFlow	WSHWRG1001
G10 Helmet ONLY	WSHWRG1000
Helmet Weight	660g
Head Protection	EN812:2012
Applications	Metalworking - Cutting, Grinding, sanding, polishing. Painting Spraying Chemical industry
Eye and Face Protection	Certified to EN166:2001 CE CatII 3 - Splashes of liquids. 9 - Molten metals and hot solids. High impact rating to AS/NZS1337

TECMEN G10 Face Shield Spare Parts

Item	Qty	Code
1 Clear Protector Visor	1	WSHWRG1004
2 Peel of Visor Cover	10pk	WSHWRG1003
3 Visor Frame Button Set	1	WSHWRG1009
4 Bump Cap Connection Set	1	WSHWRG1019
5 Bump Cap Top	1	WSHWRG1018
6 Visor Frame	1	WSHWRG1008
7 Face Seal	1	WSHWRG1016
8 Headgear	1	WSHWRG1014
9 Back Comfort Pad	1	WSHWRG1006
10 Chin Strap	1	WSHWRG1020
11 Front Sweat Band	1	WSHWRG1005



- 1 Filter cover and spark protector.
- 2 Pre-filter protects main filter from heavy dust.
- 3 P3 main filter 99.97% particle protection.
- 4 Blower unit intelligent self adjust airflow, robust design, 2 year warranty.
- 5 Adjustable airflow 170 lpm or 210 lpm rate to provide user better comfort and cooler in hot or heavy workload conditions.
- 6 Pure air to helmet via flame retardant covered air hose.

TECMEN FreFlow PAPP Specifications

MODEL	FreFlow V1
Airflow Rate	Standard air flow: 170+lpm
	Fast speed air flow: 210+lpm
Fast-charging Standard Battery	Battery type: rechargeable Li-ion battery
	Battery duration: 9 h - low speed (170+lpm); 5-6 h - high speed (210+lpm)
	Standard Battery charge time: around 1 hour
	Battery life: around 550 charges
Filter	Filter efficiency: >99.97%
	Alarms: Visible, audible and vibrate
Temperature	Operating temperature: -5°C to 55°C (23°F to 131 °F)
Weight	1020g (Blower unit+ fast-charging standard battery)
Respirator Approval	EN 12941 P R SL, AS/NZS 1716

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