PAPR FREFLOW FACE SHIELDS

TECMEN

HEAD PROTECTION HIGH IMPACT RESISTANCE

TECMEN powered air purifying face shield has a compact shape and a balanced center of gravity. Used with FreFlow respiratory system, the overall filtration efficiency is as high as 99.997%, it is convenient, comfortable and easy to adjust, providing users with comprehensive protection for respiratory, eye and face and head.

FEATURES

- Eye/face/respiratory protection
- Full Face Clear Lens
- Flip-up Design
- Head Protection
- Bump Cap & Hard Hat Options
- Vibration Dispersal Buffer
- Anti-collision Upgrade
- Comfortable Adjustable Headgear



Multi-point buffer to disperse vibration



Flip-up Design



High Impact Resistant Head Protection (G20-V HARDHAT)



G10 BUMPCAP

P/N: 703410

- Bump Resistance Head Protection



G20-V HARDHAT

P/N: 703420

- High Impact Resistant Head Protection

FACE SHIELD SPECIFICATIONS

Model	G10 Bumpcap	G20-V Hardhat
Weight	660g	792g
Head Protection Approval	EN812:2012	EN397:2012 AS/NZS 1801
Eye & Face Approval	EN166:2001	AS/NZS 1337.1

APPLICATIONS

- Metallurgy / Grinding
- Shipbuilding
- Rail Transit
- Manufacturing
- Construction
- Chemical Industry
- Laboratory Work
- Nucler Power
- Healthcare
- Hazardous Chemical Production

FACE PROTECTION FROM SPARKS & SPLASH

Optical grade PC lens bring high-resolution clear vision. High intensity lens provide protection against UV/IR, particle spatter, liquid spatter, metal melt, hot solid spatter to secure safety. Used with FreFlow respiratory system, the overall filtration efficiency is as high as 99.97%, providing users with comprehensive protection for respiratory, eye and face.



TM-S1

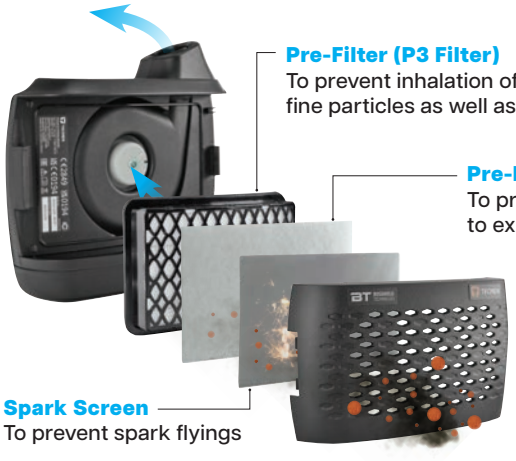
P/N: 703430

- Eye/face/respiratory protection
- Full Face Clear Lens
- Curved 3D Features
- High Impact Resistant
- Lightweight

FACE SHIELD SPECIFICATIONS

Model	TM-S1
Weight	130g
Eye & Face Approval	EN166:2001

FREFLOW™ POWERED AIR-PURIFYING RESPIRATOR FILTER SCHEMATIC



Pre-Filter (P3 Filter)
To prevent inhalation of dust, pollutants, fine particles as well as other contaminants

Pre-Filter
To prevent large diameter particles, to extend the lifetime of P3 filter

Spark Screen
To prevent spark flyings

HIGH FILTER EFFICIENCY
> 99.97%

RESPIRATOR SPECIFICATIONS

Airflow Rate	Manufacturer's minimum design flow rate: 165+lpm (5.8+cfm) Low speed: 170+lpm (6+cfm) High speed: 210+lpm (7.4+cfm)
Fast-charging Battery	Rechargeable Li-ion Battery Duration: 9 h low speed, 5-6 h high speed Charge Time: 1 hour
Filter	> 99.97% efficeiency
Relative Humidity	Operating R.H.:< 90%, Storage R.H.: < 85%
Weight	1020g (Blower unit + battery)
Warranty	2 Year (Blower Unit) 1 Year (Blower Unit Battery)
Approval	EN 12941 P R SL, AS/NZS 1716

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STANDARD INCLUSIONS



G10 BUMPCAP
P/N: 703410
- Bumcap Face Shield
- FreFlow Blower Unit (with waist strap & battery)
- Spare Disposable Protective Film (pkt 10)
- Hose with cover
- Battery Charger
- Shoulder Strap
- Airflow Indicator
- Duffle Bag



G20-V HARDHAT
P/N: 703420
- Hardhat Face Shield
- FreFlow Blower Unit (with waist strap & battery)
- Spare Disposable Protective Film (pkt 10)
- Hose with cover
- Battery Charger
- Shoulder Strap
- Airflow Indicator
- Duffle Bag



TM-S1
P/N: 703430
- TM-S1 Face Shield
- FreFlow Blower Unit (with waist strap & battery)
- Hose with cover
- Battery Charger
- Shoulder Strap
- Airflow Indicator
- Duffle Bag

SPARE PARTS



	DESCRIPTION	P/N
1	Tecmen Headgear for G10 (G-100)	703411
2	Tecmen Ribbon for G10 (G-104)	703412
3	Tecmen Headgear for G20-V (G-110)	703421
4	Tecmen Ribbon for G20-V (G-114)	703422
5	Tecmen Quick-connection Hose for G20-V (V1HO-TM3-01)	703423
6	Tecmen Hose (Including O-Ring) (V1HO-TM3-00)	703318
7	Tecmen Forehead Seal for G10 and G20-V (G-101)	703471
8	Tecmen Comfort Back Pad for G10 and G20-V (G-103)	703472
9	Tecmen Standard Face Seal for G10 and G20-V (G-200)	703473
10	Tecmen Headtop Buttons for G10 and G20-V (G-301)	703474
11	Tecmen Visor Frame Assembly for G10 and G20-V (G-302)	703475
12	Tecmen Visor Frame Buttons for G10 and G20-V (G-303)	703476
13	Tecmen Chin Strap for G10 and G20-V (G-105)	703478
14	Tecmen Protective Visor for G10 and G20-V (G-400)	703477
15	Tecmen Disposable Protective Film for Visor for G10 and G20-V (G-401) (Pkt 10)	703479
16	Tecmen Disposable Protective Film for Visor for TM-S1 (PF TM S 00) (Pkt 10)	703432
17	Tecmen Replacement Lens for TM-S1 (S1LENSAS)	703431
18	BT/Tecmen FreFlow Respirator and Hose	703317
19	BT/Tecmen FreFlow Gas Filter	703210
20	BT/Tecmen FreFlow Particle Filter - P3 V1	703310
21	BT/Tecmen FreFlow Pre-filter V1 (Pkt 5)	703311
22	BT/Tecmen FreFlow Spark Screen V1	703312
23	BT/Tecmen FreFlow Filter Cover V1	703319
24	BT/Tecmen FreFlow Standard Battery	703313
25	BT/Tecmen FreFlow Extended Life Battery	703316
26	BT/Tecmen FreFlow Battery Charger 240V	703315
27	BT/Tecmen FreFlow O-Ring Kit	703219
28	BT/Tecmen FreFlow Buckle	703314
29	BT/Tecmen FreFlow Shoulder Strap V1	703320
30	BT/Tecmen FreFlow Backpack	703330