

T8000 EN Type II

Self-Contained Open Circuit Breathing Apparatus



Technical Specification

Approvals:

EN 137: 2006 Type 2 – Respiratory protective devices.

Self-contained open-circuit compressed air breathing apparatus.

EN 136: 1997 class 3 – Respiratory protective devices. Full face masks.

Weight with charged cylinder: 11.4~12Kg

Dimension: (L*W*H): 640*255*250 mm

Using temperature: -30°C to 60°C

Backplate and harness:

Material : Flame Retardant Polyaramid-Fibre Glass

Harness material : Cushion in Nomex mixed with Kevlar

Self-extinguishable :Yes

Harness adjustment : 2 Shoulder straps to pull down to tighten /
2 Waist straps to pull towards to tighten

Cylinder strap : Flexible in Nomex

Pressure reducer:

Input pressure : up to 300 bar

Output : 2 outputs of 6-8 bar

Type of reducer : Compensated

Demand valve:

Materials : PBT/PC

Max flow (by-pass) :450 l/min

Type of LDV : Positive pressure, activated when connected to
facepiece
Airflow stopped automatically when LDV
disconnected from facepiece

Protection : Rubber cover

Facepiece:

Skirt and inner mask material : EPDM

Visor : PC class 3 with anti-scratch treatment

Speech diaphragm : Yes

Type of head harness : 5 Points rubber

Neck strap : Yes

Available size : Universal

Pressure gauge:

Type of gauge : Pneumatic

Precision : class 1.6

Measurement unit: Bar / MPa

Protection: Rubber cover

Visibility in darkness: Yes

Low pressure alarm:

Activation pressure : 50-60 bar

Sound level : >90 dB at ear

Cylinder:

Material : Composite with aluminum liner

Volume : 6.8 L

Cylinder thread: M18 x 1.5

Nominal pressure: 300 bar

Testing pressure: 450 bar

Other options: Medium pressure coupling demand valve

Medium pressure second connector (Buddy
breather) Quick filling universal air coupling

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