

CEN-PAQ



Designed for ease of donning, the Cen-Paq range is used where speed of response is the key issue.

Cen-paqs one sized waistcoat allows it to be used where full sized SCBA may be too bulky.

Cen-Paq is suitable for snatch rescue, intervention and rescue applications.

Key Features

- *Proven, effective pneumatic system with first breath mechanism for use with PanaSeal/PanaVisor or Vision 3 facemasks*
- *Available in Anti-Static Material*
- *CE marked to EN137 & EN139*



Self Contained Breathing Apparatus

CEN-PAQ

SPECIFICATION

<u>Materials</u>		
Pressure Reducing Valve	Nickel Plated Brass	
Rust Tube (Sabre Cyls)	Brass	
Reducing Valve Seat	Polyamide (Nylon)	
O-Rings	Nitrile, Silicone, EPDM	
Reducing Valve Springs	Stainless Steel	
HP Pressure Gauge	Stainless Steel, Polycarbonate Lens	
HP Pressure Gauge Cover	Neoprene	
MP Air Supply Hose Fittings	Nickel Plated Brass	
Facemask	Neoprene or Silicone	
Facemask visor	Polycarbonate	
MP Air Supply Hose	Chlorinated Polyethylene, fabric braid reinforcement, nitrile liner	
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve	
Valve Handwheel (Sabre Cyls)	Glass filled polyamide	
Harness	PVC coated Nylon, Closed cell polyethylene, polyester material	
Strap Buckles	Velcro and polyamide	
Cylinder	Steel or Composite	
Cylinder Valve (Sabre cyls)	Nickel Plated Brass	
Demand Valve Casing	Glass filled polyacetal and polyamide	
Jacket	Flame retardant PVC	
<u>Weight</u>		
Cen-Paq	2.8kg	
Cen-Paq-15 with cylinder	7.5kg	
Cen-Paq-20 with cylinder	8.5kg	
Cen-Paq-30 with cylinder	8.0kg	
<u>Packing Specification</u>		
Cen-Paq-15	69x41x28	11.5kg
Cen-Paq-20	69x41x28	12.0kg
Cen-Paq-30	69x41x28	13.0kg
<u>Approvals</u>		
EN137	Open circuit self contained compressed air breathing apparatus	
EN139	Open circuit airline compressed air breathing apparatus	
EN136	Full facemasks for respiratory protective devices	
AS1716	Australian approval for respiratory protective equipment	
<u>Major Components - CEN-PAQ</u>		
<u>Tempest Demand Valve</u>		
Compact positive pressure demand valve featuring servo-assisted, tilting diaphragm mechanism with low inspiratory resistance and responsive dynamic performance, automatic first breath actuation and hands free bypass facility. Components injection moulded from polyamide and acetal with rubber seals and diaphragms.		
Peak flow performance:-	in excess of 500 litres/minute	
Bypass flow :-	150 litres/minute nominal	
Static positive pressure:-	1.8 - 3.5 mbar	
<u>Reducing Valve</u>		
First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.		
Valve body and cap machined from nickel plated brass with stainless steel spring and hose retainer U-clips.		
Outlet pressure		
207 bar inlet:-	5.5 to 9.5 bar	
300 bar inlet:-	6.0 to 11.0 bar	
Pressure relief valve protected:-	11.5 bar	
Flow restrictor to gauge supply hose	<25 litres minute	
<u>Pressure indicator & Warning whistle</u>		
Bourdon tube type dial indicator		
Heat and Impact resistant polycarbonate lens		
Safety blow-out vent in rear of gauge		
Accuracy:- +/- 10 bar between 40-300 bar		
<u>Hoses</u>		
Stainless steel swivel hose fittings		
Medium pressure hose		
Maximum working pressure	16 bar	
Minimum burst pressure	80 bar	
High pressure hose		
Maximum working pressure	450 bar	
Minimum burst pressure	800 bar	



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