

# 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>		<u>Major Components - CEN-PAQ</u>	
Pressure Reducing Valve	Nickel Plated Brass	<u>Tempest Demand Valve</u>	
Rust Tube (Sabre Cyls)	Brass	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.	
Reducing Valve Seat	Polyamide (Nylon)	Peak flow performance:- in excess of 500 litres/minute	
O-Rings	Nitrile, Silicone, EPDM	Bypass flow :- 150 litres/minute nominal	
Reducing Valve Springs	Stainless Steel	Static positive pressure:- 1.8 - 3.5 mbar	
HP Pressure Gauge	Stainless Steel, Polycarbonate Lens	<u>Reducing Valve</u>	
HP Pressure Gauge Cover	Neoprene	First stage pressure reducing valve featuring non-adjustable, spring loaded piston mechanism and outlet supply protected by pressure relief valve.	
MP Air Supply Hose Fittings	Nickel Plated Brass	Valve body and cap machined from nickel plated brass with stainless steel spring and hose retainer U-clips.	
Facemask	Neoprene or Silicone	Outlet pressure	
Facemask visor	Polycarbonate	207 bar inlet:- 5.5 to 9.5 bar	
MP Air Supply Hose	Chlorinated Polyethylene, fabric braid reinforcement, nitrile liner	300 bar inlet:- 6.0 to 11.0 bar	
HP Air Hose	PTCFE liner, stainless steel braiding, Estane sleeve	Pressure relief valve protected:- 11.5 bar	
Valve Handwheel (Sabre Cyls)	Glass filled polyamide	Flow restrictor to gauge supply hose <25 litres minute	
Harness	PVC coated Nylon, Closed cell polyethylene, polyester material	<u>Pressure indicator &amp; Warning whistle</u>	
Strap Buckles	Velcro and polyamide	Bourdon tube type dial indicator	
Cylinder	Steel or Composite	Heat and Impact resistant polycarbonate lens	
Cylinder Valve (Sabre cyls)	Nickel Plated Brass	Safety blow-out vent in rear of gauge	
Demand Valve Casing	Glass filled polyacetal and polyamide	Accuracy:- +/- 10 bar between 40-300 bar	
Jacket	Flame retardant PVC	<u>Hoses</u>	
<u>Weight</u>		Stainless steel swivel hose fittings	
Cen-Paq	2.8kg	Medium pressure hose	
Cen-Paq-15 with cylinder	7.5kg	Maximum working pressure 16 bar	
Cen-Paq-20 with cylinder	8.5kg	Minimum burst pressure 80 bar	
Cen-Paq-30 with cylinder	8.0kg	High pressure hose	
<u>Packing Specification</u>		Maximum working pressure 450 bar	
Cen-Paq-15	69x41x28	Minimum burst pressure 800 bar	
Cen-Paq-20	69x41x28		
Cen-Paq-30	69x41x28		
<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		



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