

PROCAP T-A-LINE

PROCAP - PROCAP WELDING –T/A-Line Unit

DESCRIPTION

PROCAP is a headtop for powered and airline respirators meeting the requirements of EN 12941 for powered respirators with hoods and helmets and EN1835 for compressed airline breathing apparatus with hoods and helmets. When used in approved combinations with the Tornado T/A-LINE system the device consists of:

- A helmet to provide head protection against mechanical impact and a visor to provide eye and face protection.
- A compressed air regulator mounted on a belt, and including an in-line silencer and oil indicator, an auxiliary air take-off and a low-pressure warning whistle.
- A choice of compressed air supply lines up to 10m in length.



Procap can also be used with powered filtering respirators, approved to EN12941. (Ask for more information on Procap and Tornado T/Power or Proflow SC.)

PROCAP features a helmet shell, adjustable head harness; face seal, air distribution channel inside the shell and a flip-up visor frame equipped with a clear or shaded visor.

A special parallel monorail system provides easy glide of visor frame and optimal balance for all helmet-visor combinations. An up-down visor lift carriage system with sprung suspension wheels provides correct balance on the head and compact dimensions even in restricted working areas.

The headpiece connects to the breathing hose with a push and lock ball joint connector for improved freedom of movement. The air duct port in the upper front of the inside frame distributes clean filtered air across the visor without a feeling of draught.

PROCAP WELDING features a helmet shell and welding frame with a standard 110 x 90 mm flip-up welding filter visor into which different shades of welding filters or electro-optical filters can be inserted.

Purpose designed 'Procap' helmet-mounted earmuffs can be attached to the helmets accessory slot when hearing protection is needed. (NB special connection).

Scott Health & Safety

TECHNICAL DATA PROCAP-T/A-LINE

Approvals	
Respiratory, light duty compressed air line breathing apparatus with helmet:	EN 1835 LDH2 Assigned protection factor 20 (BS 4275)
Flow rate:	140 l/min (minimum) 160-180 l/min (normal operational)
Head protection:	EN 397, LD, MM, -30°C, 440 VAC
Eye and face protection:	Visor range EN 166/169 Polycarbonate PC clear visor 1B9 (antiscratch-coated optional) Acetate visor AC Shade 3, Shade 5 (Grade F) High heat visor gold-coated Welding visor EN 175 DIN 8, 9, 10, 11, 12, 13 + auto-darkening options fixed and variable.
Hearing protection (optional):	EN 352-3 (SNR26 or SNR29 available)

T/A-LINE Compressed air supply regulator for Procap
TECHNICAL DATA T-POWER T/A-LINE

Air flow:	Minimum 140 l/min. Standard operating flow rate 160-180 l/min The regulator supplies 160-180 l/min air over a range of inlet pressures from 3 to 8 bar
Air supply requirements:	Inlet pressure 3.5-8 bar (50-120 psi, 350-800 kPa) Flow requirement, at least 250 l/min per unit (9 cfm). Flow requirements for auxiliary tools e.g. spray guns must be added. Air quality must conform to EN12021, and must be checked at regular intervals according to national regulations (at least every 3 months is suggested)
Air lines:	HOSE/PVC/3M 3 metre black PVC airline, CEJN pattern couplings (male and self-sealing female), 3/8" bore. HOSE/PVC/10M. As above, 10 metres. Antistatic airlines are also available.
Dimensions:	Approx 200 x 100 x 60 mm.
Warning system:	Input pressure warning whistle: opens at 2.5 to 3 bar, closes at 3 to 3.5 bar, equivalent to approximately 140 l/min flow, when opening/alarming.
Weight of unit without belt:	500g.
Casing material:	Polypropylene
Sound level:	Maximum 65 dB(A)
Silencer/oil indicator:	Replaceable assembly in clear polypropylene body. The filter contains approximately 15g. AR1 12 X 20 activated charcoal, together with a specialist indicator paper which changes to bright purple on exposure to oil. The filter is intended to remove low-level odours and organic vapours and act as a backup/failsafe for the primary filtration system. It is not intended to act as a particle filter and does not ensure breathing quality air. The system must only be supplied at the air line with breathing quality air according to EN12021.
Operation temperature:	0°C to +50 °C



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.