

CleanAIR® Verus air Welding helmet



Description

Provides protection of the user's eyes and face from harmful radiation including visible light, ultra-violet (UV), infra-red (IR) radiation, hot sparks and spatters resulting from arc welding and cutting. It is adapted for use with powered air purifying respirators CleanAIR® or with continuous flow compressed air breathing apparatuses CleanAIR®.

Application

Professional welding helmet suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Not suitable for laser welding.

DA-106_-_703001_-_Verus_air - EN

TECHNICAL DATASHEET

CleanAIR® Verus air Welding helmet



Technical specification

Product code	703001
Weight	793 g (complete helmet)
Hose connection	QuickLOCK™
Material	Polyamide (PA)
ADF model	AerTEC™ S60+
ADF dimension	110 x 90 x 7 mm
Viewing area	98 x 62 mm
Weight (ADF)	108 g
Shade range	dark state, variable 5-8 / 9-14 light state 3
UV/IR protection	shade 14 (permanent)
Switching time	0,00015 s - light to dark (at 23°C) 0,1 - 0,9 s - dark to light (delay)
Functions	Shade control - internal Sensitivity control - internal (1-6) Grind mode - external (shade DIN 3) Delay control - internal
Optical classes	1 – optical quality 1 – light scattering 1 – homogeneity 1 – angular dependence
True colour view	yes
Number of sensors	4
Power supply	Solar cells, Lithium 3V type CR2450 1x
Power control	Automatic - auto-ON, auto-OFF (after 30 min if not in use)
Operating conditions	-5°C to +55°C
Storage conditions	-10°C to +55°C, 20 - 95 % Rh
Certification - eye and face protection	welding helmet - EN 175 B welding filter - EN 379 (1/1/1)
Certification / NPF* - respiratory protection	powered air purifying respirators - EN 12941, TH3 / NPF 500 airline systems (supplied air) - EN 14594 (3B) / NPF 200

* NPF = The nominal protection factor represents the level of protection provided by a respirator under standard laboratory test conditions

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications.

TECHNICAL DATASHEET



CleanAIR® Verus air Welding helmet

Compatible accessories and spare parts

Product code

Welding helmet CleanAIR® Verus w/o headgear, w/o ADF	403097
Welding helmet CleanAIR® Verus air incl. headgear, w/o ADF	703097
VariGEAR Standard w/o padding, w/o sweatband	720009
VariGEAR Comfort, headgear incl. sweatband	720010
VariGEAR sweatband (pck of 2)	720015
Rear padding VariGEAR	720014
Upper padding VariGEAR	720016
VariGEAR comfort set (set of sweatband and paddings)	720017
Battery 3V for AerTEC™ S60 ADF	135160
Light flexi hose QuickLOCK™	710060
Auto-darkening filter AerTEC™ S60+, 5-8/9-14	405162
Face seal CleanAIR® VERUS air, Omnira air	703060
Protective head cover, flame retardant (Verus, Omnira)	703071
Protective neck cover, flame retardant (Verus, Omnira)	703072
Protective head & neck cover, flame retardant (Verus, Omnira)	703073
Protection plate outer (VERUS, Omnira COMBI, CA-40), pck of 10	704080
Protection plate inner (VERUS, Omnira COMBI, Summit), pck of 10	*100/65
CleanAIR VariCap, including headgear with paddings	720030
CleanAIR VariCap, w/o headgear	720031

Compatible powered air purifying respirators / airline systems

Standard / Class

CleanAIR® AerGO®	EN 12941 TH3
CleanAIR® Chemical 2F Plus	EN 12941 TH3
CleanAIR® Basic	EN 12941 TH3
CleanAIR® Pressure	EN 14594 2A
CleanAIR® Pressure Flow Master	EN 14594 3B

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