

CleanAIR® CA-20 GDS

Welding helmet



Description

Autodarkening welding helmet with integrated air distribution system and external control panel. Provides protection against 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 all electro-arc welding methods -MIG, MAG, TIG, SMAW, Plasma and for gas and Plasma welding and cutting. Not suitable for laser welding.

DA-050_-702081_-CA-20GDS_-EN

TECHNICAL DATASHEET

CleanAIR® CA-20 GDS

Welding helmet



Technical specification

Product code	70 20 81
Weight	820 g [complete helmet]
Hose connection	QuickLOCK™
Material	Polyamide (PA)
ADF dimension	110 x 110 x 8 mm
Viewing area	96 x 68,5 mm
Power supply	solar cells, no battery changes
Sensors	two
Switching time	0,00015 s [0,15 ms] - light to dark 0,1 - 1,0 s [adjustable] - dark to light
Functions	external control of: shade 6-8 / 9-13 sensitivity opening time delay welding / grinding mode
Classification	optical class = 1 light scattering = 1 homogeneity = 1 angular dependence = 1
Operating temperature	0 °C to +60 °C, relative humidity 20 - 95 % Rh
Storage conditions	-10 °C to +55 °C, relative humidity 20 - 95 % Rh
Certification	EN 379 1/1/1/1, EN 175 B EN 12941 TH3 EN 14594 3B

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. CleanAIR® products are not designed for, and may not be used in, all applications.

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Compatible accessories and spare parts

Product code

Light flexi hose CA40x1/7"- CA40x1/7" - straight connector	70 00 60
Light flexi hose CA40x1/7"- bayonet - straight connector	70 00 60B
Rubber hose CA40x1/7"- bayonet - straight connector	70 00 86B
Rubber hose CA40x1/7"- CA40x1/7" - straight connector	70 00 86
Face seal for welding hood CA-20 - flexi	70 20 60F
Face seal for welding hood CA-20 - standard	70 20 60
Headband for CA-20, incl. set of sweatbands	70 25 41
Set of sweatbands	70 25 42
Hose holder	70 20 32
Front frame for CA-20	70 20 31
Auto-darkening filter Balder V6-8/9-13 GDS ADC Plus	40 50 80
Protection plate external	70 20 71
Protection plate internal, 107,5x71,5 mm	70 20 72

Compatible powered air purifying respirators / airline systems

Standard / Class

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

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