TECHNICAL DATASHEET

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AerTEC X220

AUTO-DARKENING WELDING FILTER (ADF)





Description

Automatic Darkening Welding Filter (ADF). In combination with approved welding helmet protects the user´s eyes and face from harmful radiation.

Application

Suitable for most of welding methods including MIG/MAG, TIG, SMAW, Plasma Arc, Carbon Arc gouging. This ADF is not recommended for laser welding and laser cutting applications.

The image is for illustrative purposes only. Appearance may vary.

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Technical specification	
Product code	405220
Item name	AerTEC™ X220
ADF model	768L
Viewing area	100 × 53 mm (8.2 sq. in.)
Dimensions	110 x 90 x 10 mm
Weight	110 g
Standard	EN ISO 16321
Grind function	Built-in
Optical class	1 / 1 / 1 / 2 (V2)
TrueView+ technology	Yes
UV/IR protection	Permanent
Number of arc sensors	4
Switching time	0.04 ms (1/25,000 s)
Shade state	3 / 4–8 / 9–13
Manual-Shade Control	Internal (Digital LED Display)
Shade lock	Yes
Sensitivity Control	Internal (Digital LED Display)
Delay Time Control	0.05–2.0 s, Internal (Digital LED Display)
TRS Recovery	Yes
Tack Welding	Yes
Memory	No
Self-check	Yes
Power supply	Solar cell and 2 × CR2032 replaceable lithium batteries
TIG rating	2–350 A
Operating temperature	–10 °C to +60 °C
Warranty	2 years

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.