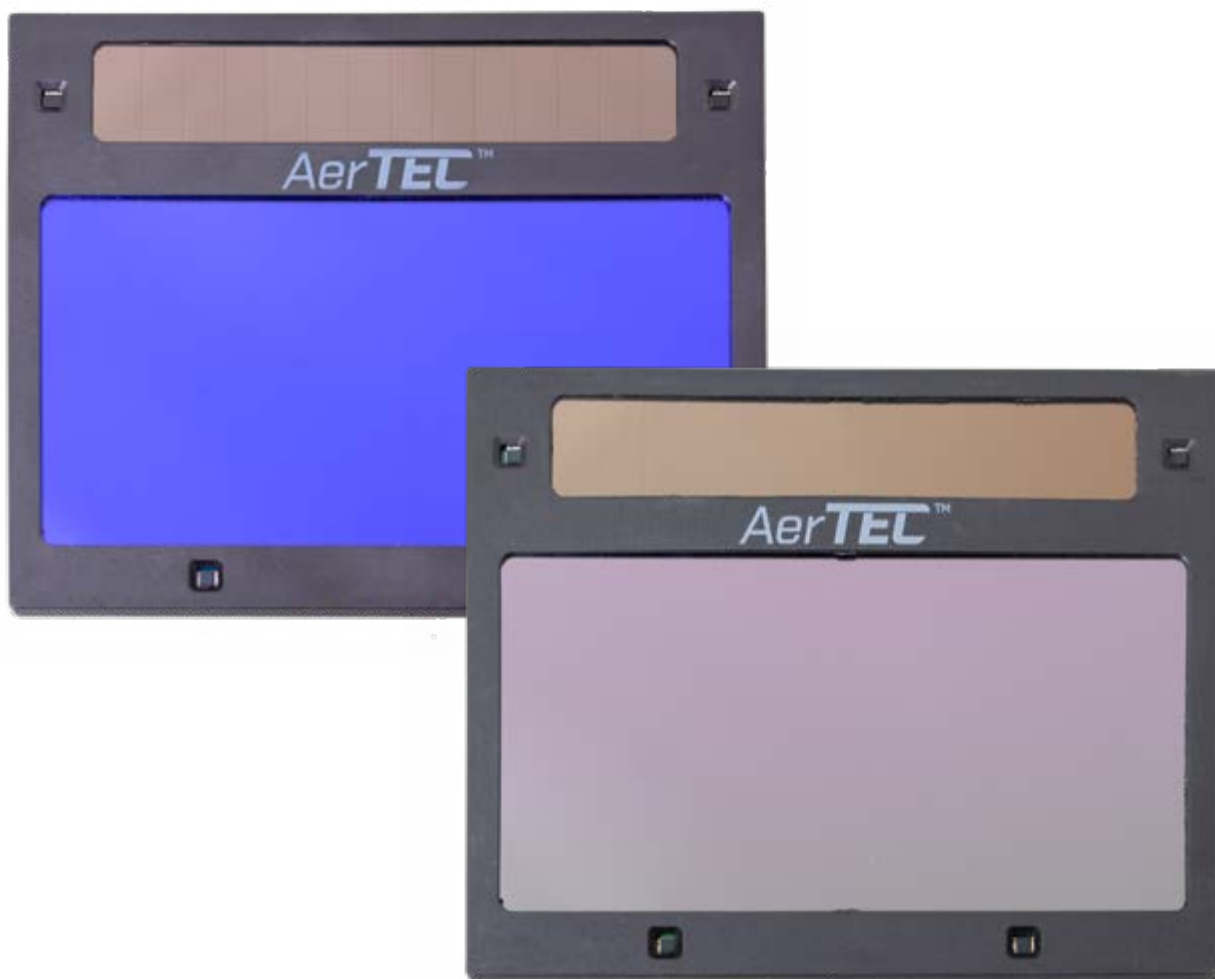


AerTEC™ X100 / X110

Welding auto-darkening 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.

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TECHNICAL DATASHEET

AerTEC™ X100 / X110

Welding auto-darkening filter (ADF)



Technical specification

Item name	AerTEC™ X100	AerTEC™ X110 TC
True colour	-	✓
Product code	40 51 00	40 51 10
Standards	EN 379	EN 379
Optical classes	1/1/1/2	1/1/1/2
Cartridge size	110 x 90 x 9 mm	110 x 90 x 9 mm
Viewing area	100 x 53 mm	100 x 53 mm
Weight	120 g	120 g
Arc sensors number	4	4
Open state shade	4	4
Closed state shade	5 – 8 / 9 – 13	5 – 8 / 9 – 13
Shade adjustment	yes, Internal	yes, Internal
Sensitivity adjustment	yes, Internal	yes, Internal
Delay adjustment	yes, Internal	yes, Internal
Grinding mode	yes, internal	yes, internal
Switching time light to dark (at 23°C)	< 1/25000s (0,04ms)	< 1/25000s (0,04ms)
Switching time dark to light	0,1 - 1,0 s	0,1 - 1,0 s
UV/IR protection	UV 16 / IR 16	UV 16 / IR 16
Power supply	CR2032 x1, solar cell	CR2032 x1, solar cell
Battery life	4000 hours	4000 hours
Low battery indication	yes	yes
TIG recognition	Enhanced	Enhanced
Working temperatures	-10 °C + 60 °C	-10 °C + 60 °C
Warranty	2 years	2 years
Storage conditions	– 10 °C to + 55 °C, humidity 20 - 95 % Rh	
Operating conditions	0 °C to + 60 °C, humidity 20 - 95 % Rh	

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.