HERCULES

S—10 PROTECTION SYSTEM

FACT SHEET

ADF MODEL P33 MAXI RC2
MODEL NO. AWH-S10

Auto-darkening flip-up welding helmet

Designed for use with a wide range of welding and grinding applications.

WELD + GRIND

EXTERNAL REMOTE INCLUDED





< 0.033 ms	116 × 81 mm	DIN 4–8 / 9–14	4 + 1	730 g
Switching time, light to dark	Viewing area	Dark state shade range	Arc + ambient light sensors	Weight

TRUE VIEW+ COLOR TECHNOLOGY

True Color reduces eye strain and offers accurate color representation for detailed work. Highest class 1/1/1/1 lens with UV/IR protection.

LARGE VIEWING AREA

Oversized 116 × 81 mm lens with 180° panoramic view, plus two passive side windows.

01

Flip-up visor

Lifts the auto-darkening filter to expose a clear protective visor underneath, for grinding and post-weld inspection.

02

Bluetooth remote

The external wireless remote control adjusts shade, sensitivity and delay without removing the helmet or lifting the visor.

03

4 + 1 sensor array

Four independent arc sensors detect low-current TIG arcs down to > 2 A. One ambient light sensor supports automatic adjustment.

04

Auto and manual modes

In automatic (synergic) mode the ambient sensor adjusts shade, sensitivity and delay. Manual mode leaves every setting to the welder.

05

9 + 1 memory presets

Stores nine customizable parameter profiles plus one quick-recall slot.

06

MIX and constant dark

MIX eases the transition from dark to light during repetitive tack welding. DARK locks the filter at a fixed dark shade.

07

Weld, cut and grind

Shade ranges DIN 9–14 and DIN 4–8, plus a grind mode locked at DIN 3.

08

Solar and battery

A solar cell and two replaceable CR2450 batteries power the filter. A low-battery indicator is built in.

Technical data

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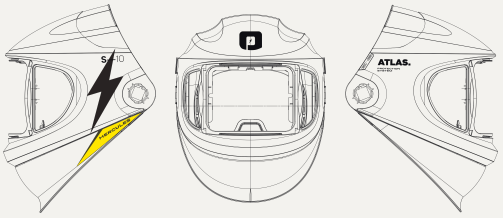
FEATURE	VALUE
Model	ATLAS HERCULES S-10 Model no. AWH-S10
Filter model	P33 MAXI RC2 TrueView+
Optical class (EN 379)	1 / 1 / 1 / 1
Viewing area	116 × 81 mm
Cartridge dimensions	121 × 86 mm
Peripheral view	2 × passive shaded side windows
Light state shade	DIN 3
Dark state shade range	DIN 4–8 / DIN 9–14; variable
Switching time (light to dark)	< 1/30,000 s (< 0.033 ms)
Delay time (dark to light)	0.04 to 2.00 s; automatic or manual
Sensitivity adjustment	Levels 0 to 9; automatic or manual
UV/IR protection	Up to DIN 16, permanent
Sensors	4 arc sensors + 1 ambient light sensor
Minimum TIG amperage	> 2 A (DC / AC / Pulse)
Operating modes	Automatic (synergic) / manual
Memory presets	9 + 1
Grinding function	Yes, DIN 3; flip-up visor with clear grinding visor
MIX function	Yes
Constant dark mode (DARK)	Yes
Remote control	Bluetooth, external
Power supply	Solar cell + 2 × CR2450 3 V lithium batteries, replaceable
Battery monitoring	Low-battery indicator
Impact resistance	EN 175 B, medium energy, 120 m/s
Shell	High-impact polyamide / nylon composite
Headgear	Multi-point adjustable, with sweatband
Weight	730 g
Packaging (L × W × H)	235 × 265 × 270 mm
Welding processes	MIG/MAG; TIG; TIG Pulse; MMA (stick); plasma arc cutting (PAC); grinding
Standards	EN 175 B · EN 379 · EN 166 · ISO 16321 CE and UKCA marked

Marked on the filter: 16321 YXE W3/4-8/9-14 V1 · ANSI Z87.1 · AS/NZS 1338.1 · CSA Z94.3.





Auto-darkening filter P33 MAXI RC2 with its Bluetooth remote: sensitivity, shade and delay on the display, FUNC., AUTO, GRIND and MEMORY controls.



Left, front and right views.

Supplied with the helmet

- Bluetooth remote control unit
- 2 × CR2450 batteries
- Replacement outer and inner polycarbonate protection lenses
- User manual

أطلس. ATLAS.

CUSTOMER SERVICE

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