

BALDER BH3/SQ913 CLEAN AIR

Technical Data



Part N°	GZK3ASQSTA	
Type Description	automatic shade cartridge; manually adjustable 4/9-13 by a potentiometer	
Cartridge dimensions	110 x 110 x 8,0 mm / 4,33 x 4,33 x 0,31" 96 x 46,5 mm / 3,78 x 1,81" (Viewing area)	
Power supply	solar cells, no battery changes	
Sensors	two above the eyes	
Light transmittance	ultraviolet / infrared protection (at least 16 at any shade setting) visible range activated shade level 9-13 visible range not activated shade level 4	
Switching time	<i>light to dark</i> 0,00015 s (0,15 ms) at room temperature	<i>dark to light</i> 0,4 s
Classification	Optical class = 1 Scattered light = 1 Homogeneity = 1 Angular dependence = 3	
Functions	Possibility of adjustment (internal) - shade (9-13), sensitivity	
Protection for ADF	Poly-carbonate foils or CR-39 reflection free front cover lens and poly-carbonate inside cover lens	
Mask material	PA	
Mask colour	Black	
Operating temperature	-10°C to + 60°C / 14°F to 140°F	
Storage temperature	-20°C to + 65°C / -4°F to 149°F	
Weight	110 g / 3,88 oz (ADF only), 510 g / 17,99 oz (total weight)	
Application ranges	All types of electro-arc welding - covered electrodes, MIG/MAG, TIG/WIG, plasma welding and cutting except for laser and gas welding	
Warranty	Warranty term for Balder product`s is 3 years	
Standards / certificates	EN 379, 175 / CE, DIN, DIN geprüft	



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initial flow rate	*160 l / min - 140 l / min - regime ECO
final flow rate	*200 l / min - 180 l / min - regime TURBO
weight incl. filter and battery	900 g
filter type	P3
filter efficiency	99,998%



noisiness max 61 dB

dark to light

0,4 s

operating duration **6 - 10h

certification EN 12 941 - TH1

* with fully charged battery and clean filter

** parameter depends on the chosen operating regime

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POWER UNIT Clean-air
BASIC dual flow



LIGHT FLEXI HOSE



EURO or UK
BATTERY CHARGER



COMFORT BELT
STANDARD



AIR FLOW
INDICATOR

