



江苏美信光电科技有限公司
Jiangsu Meixin Optoelectronics Technology Co.,Ltd

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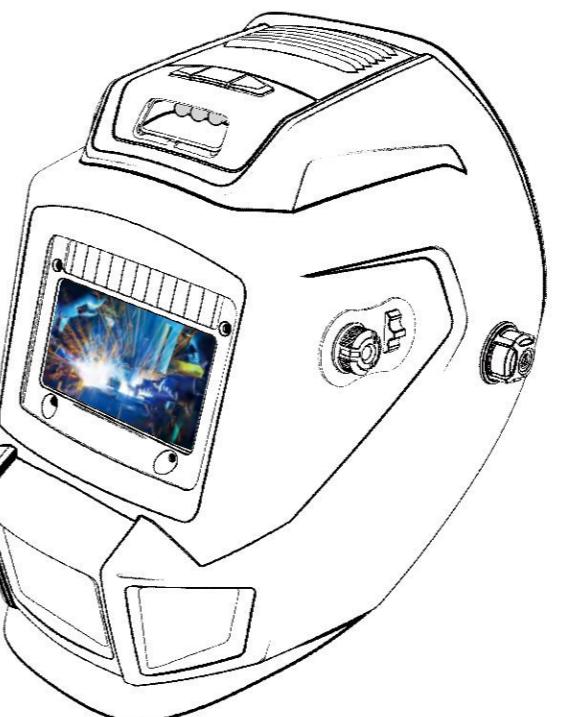
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Mexin[®]



AUTO DARKENING
WELDING HELMET

We can
Because
We know how

目录 Content

- 01 Company Profile
- 02 Shell of Welding Helmet
- 19 Face shield
- 20 Passive Welding Glass
- 21 Passive Welding Helmet
- 22 Goggle & Glasses
- 23 Powered Air Purifying Respirator
- 25 Laser Protection
- 26 Filter



关于我们

江苏美信光电科技有限公司，是一家专业从事电子类产品的研发、生产及销售的科技型企业，主要产品有：变光焊接面罩,保护眼睛的滤镜,呼吸器以及相关配套的光电产品等。

公司拥有先进的科研、生产、检验设备，是国内研究、生产相关产品的主要公司之一。我公司坚持科技创新和自主研发之路，拥有一支值得自豪的技术团队，技术人员占公司员工总数的20%，主要系列产品已经达到国际先进水平。

公司本着“不断创新，与客户共赢”的宗旨，以最大真诚和热情为广大用户提供优质的产品和服务!

About Us

Jiangsu Meixin Optoelectronics Technology Co., Ltd is one of the leading manufacturers of welding helmets in China. We are active in the field of supplying eye protection products for welding processes, including welding glasses, fixed shade welding helmets, powered air purifying respirator and fittings.

With advanced scientific researching, producing and testing devices, our company is one of the leading companies that study and produce relevant products in our country. We insist on scientific and technological innovation and independent research and development. 20% of the employees in our company are technicians, which is a technical team to be proud of. Our products have reached international advanced level.

Our company aims at continuous innovation and win-win cooperation with the customers. We are to provide superior products and services with the greatest sincerity and enthusiasm.



02

Shell of Welding Helmet



MX-30



Shell of Welding Helmet



MX-19



03

Mexin®



04

Shell of Welding Helmet



MX-0V



MX-0M 00



MX-0M 01



MX-0M 02

Shell of Welding Helmet



MX-0S 00



MX-0S 01



MX-0S 02



MX-0Q 00



MX-0Q 01



MX-0Q 02

05



06

Shell of Welding Helmet

**Mexin®**

Shell of Welding Helmet



07



08

Shell of Welding Helmet



MX-29



Shell of Welding Helmet



MX-16



MX-0Z



MX-18



MX-15



MX-20



09



Mexin®

Shell of Welding Helmet



MX-21



MX-22



MX-23



MX-30M



MX-0A 00



MX-0A 01



MX-0E 01



MX-0A 02



MX-0E 02

Mexin®

Shell of Welding Helmet



Shell of Welding Helmet



Shell of Welding Helmet





Shell of Welding Helmet



Shell of Welding Helmet





Mexin®

Shell of Welding Helmet



MX-ON 00



MX-ON 01



MX-ON 02



MX-07 00



MX-07 01



MX-07 02



MX-33



MX-33



MX-33

Shell of Welding Helmet



MX-04 00



MX-04 01



MX-04 02



MX-03 00



MX-03 01



MX-03 02



MX-OH 00



MX-OH 01



MX-OH 02



18

Shell of Welding Helmet



MX-0C



MX-0G



MX-0B

Face shield



LYG-24



LYG-24G-1005



LYG-34G



LYG-24-1005



LYG-34



LYG-34G-1008

Mexin®

19



20

Passive Welding Glass



LY1001-PC



LY1003-PC



LY1004-PC

Model	Size	Shade
LY1001-PC	108*50*3mm	DIN9、10、11、12、13
LY1003-PC	110*90*3mm	DIN9、10、11、12、13
LY1004-PC	133*114*3mm	DIN9、10、11、12、13

Passive Welding Helmet



LYG-0B-1001



LYG-06-1002



LYG-29-1004



LYG-0C-1001



LYG-0U-1003



LYG-03-1003

21



22

Goggle & Glasses



LYG-0Y-2000



LY200L



LY100R



LYG-0R-100R



LY110R



LYG-32-110R



LYG-01-1001



LYG-01-2000



LYG-01-200C

Powered Air Purifying Respirator

Mexin®

HXQ-9000

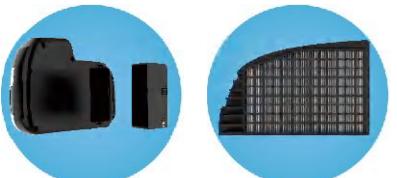
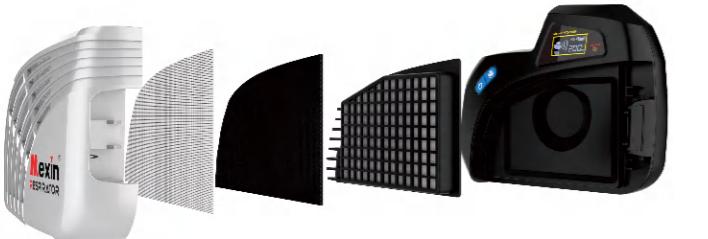
Powered Air Purifying Respirator Type	HXQ-9000										
Powered Air Purifying Respirator Weight	1100g										
Air Flow	200L/Min										
Motor	<table border="1"><tbody><tr><td>Specification</td><td>φ 120mm H32mm</td></tr><tr><td>Power</td><td>16W</td></tr><tr><td>Noise</td><td><54dB</td></tr><tr><td>Valid</td><td>>50000h</td></tr><tr><td>Air output</td><td>>500L/Min</td></tr></tbody></table>	Specification	φ 120mm H32mm	Power	16W	Noise	<54dB	Valid	>50000h	Air output	>500L/Min
Specification	φ 120mm H32mm										
Power	16W										
Noise	<54dB										
Valid	>50000h										
Air output	>500L/Min										
Filtrating	<table border="1"><tbody><tr><td>Model Number</td><td>600604000307-1</td></tr><tr><td>filtrating precision</td><td>0.3um</td></tr><tr><td>filtrating efficiency</td><td>>99.97%</td></tr><tr><td>Valid</td><td>3 years</td></tr></tbody></table>	Model Number	600604000307-1	filtrating precision	0.3um	filtrating efficiency	>99.97%	Valid	3 years		
Model Number	600604000307-1										
filtrating precision	0.3um										
filtrating efficiency	>99.97%										
Valid	3 years										
Air pipe	<table border="1"><tbody><tr><td>model number</td><td>φ 35mm</td></tr><tr><td>length</td><td>0.8m</td></tr><tr><td>material</td><td>PU</td></tr></tbody></table>	model number	φ 35mm	length	0.8m	material	PU				
model number	φ 35mm										
length	0.8m										
material	PU										
Battery	<table border="1"><tbody><tr><td>Rated Capacity of Battery</td><td>6600mAH</td></tr><tr><td>Battery Voltage</td><td>DC8.4V</td></tr><tr><td>Charge and discharge times</td><td>>500</td></tr></tbody></table>	Rated Capacity of Battery	6600mAH	Battery Voltage	DC8.4V	Charge and discharge times	>500				
Rated Capacity of Battery	6600mAH										
Battery Voltage	DC8.4V										
Charge and discharge times	>500										
Charger	<table border="1"><tbody><tr><td>Input power</td><td>AC100 ~ 240V</td></tr><tr><td>Output power</td><td>DC8.4V/3A</td></tr></tbody></table>	Input power	AC100 ~ 240V	Output power	DC8.4V/3A						
Input power	AC100 ~ 240V										
Output power	DC8.4V/3A										
Packing Size	<table border="1"><tbody><tr><td>Carton of respirator</td><td>305*235*248mm</td></tr><tr><td>Carton of welding helmet</td><td>305*325*248mm</td></tr><tr><td>Master carton</td><td>580*324*270mm</td></tr></tbody></table>	Carton of respirator	305*235*248mm	Carton of welding helmet	305*325*248mm	Master carton	580*324*270mm				
Carton of respirator	305*235*248mm										
Carton of welding helmet	305*325*248mm										
Master carton	580*324*270mm										
Total Weight	<table border="1"><tbody><tr><td>Gross weight</td><td>≈ 4.05Kg</td></tr><tr><td>Net weight</td><td>≈ 2.5Kg</td></tr></tbody></table>	Gross weight	≈ 4.05Kg	Net weight	≈ 2.5Kg						
Gross weight	≈ 4.05Kg										
Net weight	≈ 2.5Kg										

23

Powered Air Purifying Respirator



HXQ-9100



Powered Air Purifying Respirator Type		HXQ-9100
Powered Air Purifying Respirator Weight		1100g
Air Flow		220L/Min
Motor	Specification	φ 120mm H32mm
	Power	16W
	Noise	<54dB
	Valid	>50000h
	Air output	>500L/Min
Filtrating	Model Number	600604000313
	Filtrating precision	0.3um
	Filtrating efficiency	>99.97%
	Valid	3 years
Air pipe	Model number	φ 35mm
	length	0.8m
	material	PU
Battery	Rated Capacity of Battery	6000mAH
	Battery Voltage	DC8.4V
	Charge and discharge times	>500
Charger	Charge power supply	USB DC5V/2A
		Powered by power bank
USB output	Output power supply	USB DC5V/1A
		Charge your phone
Packing Size	Carton of respirator	305*235*248mm
	Carton of welding helmet	305*325*248mm
	Master carton	580*324*270mm
Total Weight	Gross weight	≈4.05Kg
	Net weight	≈2.5Kg

Laser Protection



Model	LY1007		LYG-35B-A		LYG-35B-B	
Type	Laser Welding Glasses		Laser Welding Helmet		Laser Welding Helmet	
Size of Window (Height × Width × Thickness)	58 × 146 × 2.2mm		209 × 230 × 3mm		209 × 230 × 3mm	
VLT	25% or 13% or 5%		13% or 5% or 2%		13% or 5% or 2%	
Wavelength Range	200~380nm	900~1100nm	200~380nm	900~1100nm	200~380nm	900~1100nm
Optical Density	OD6	OD6	OD8	OD8	OD8	OD8
Material	PC		PC、ABS、PA、PE		PC、ABS、PA、PE	
Net Weight	44g		470g		625g	
Auto-off Laser	No		No		Yes	

Filter

LY200/LY20BS



LY200C



LY200H/LY20HS

ADF Model	LY200	LY20BS	LY200C	LY200H	LY20HS
Optical Class	1/1/1/3 or 1/1/1/2	x	x	1/1/1/3 or 1/1/1/2	x
Cartridge Size	108mm × 51mm × 5.5mm	108mm × 51mm × 5.5mm	108mm × 51mm × 5.5mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm
Viewing Area	90 × 34mm(3.54" × 1.34")				
Light State	DIN3	DIN3	DIN4	DIN3	DIN3
Dark State	DIN11	DIN11.5 ± 1.5	DIN8.5 ~ 12.5	DIN11	DIN11.5 ± 1.5
Shade Control	No	No	External & Stepless	No	No
Switching Time	3/10000S ± 20%				
Sensitivity Control	No	No	No	No	No
Delay Time	0.2S	0.2S	0.2S	0.2S	0.2S
Power Supply	Li-battery & Solar				
Rated Capacity of Li-Battery	60mAH	60mAH	600mAH	210mAH	210mAH
Replaceable Battery	No	No	No	No	No
Operating Temp	-5°C ~ 55°C				
Storing Temp	-20°C ~ 70°C				
Arc Sensor	2	2	2	2	2
Low Amperage TIG Rated	≥30amps	≥30amps	≥30amps	≥30amps	≥30amps
Helmet Material	PP or PA	PP or PA	ABS or Silicone	PP or PA	PP or PA
UV/IR Protection	DIN11	DIN11	DIN13	DIN11	DIN11
Test	No	No	No	No	No
Low Battery	No	No	No	No	No
Grinding	No	No	No	No	No
Cutting	No	No	No	No	No
LED	No	No	No	No	No

Filter

LY20DS



LY200G



LY200J



LY300

ADF Model	LY200L	LY20DS	LY200G	LY200J	LY300
Optical Class	1/1/1/3 or 1/1/1/2	x	x	1/1/1/2 or 1/1/1/1	x
Cartridge Size	146mm × 56.7mm × 19mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm	108mm × 51mm × 8.2mm	110mm × 90mm × 9mm
Viewing Area	109 × 32.5mm(4.29" × 1.28")	90 × 34mm(3.54" × 1.34")	90 × 34mm(3.54" × 1.34")	90 × 34mm(3.66" × 1.34")	90 × 34mm(3.54" × 1.34")
Light State	DIN3	DIN4	DIN4	DIN3.5	DIN4
Dark State	DIN11	DIN8.5 ~ DIN12.5	DIN9/11/13	DIN8 ~ 13	DIN9/11/13
Shade Control	No	External & Stepless	Internal & Switch	Internal & Stepless	Internal & Switch
Switching Time	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	2/10000S ± 20%	3/10000S ± 20%
Sensitivity Control	No	No	No	Internal & Stepless	No
Delay Time	0.2S	0.2S	0.2S	0.1S ~ 1S	0.2S
Power Supply	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	2 × 7#Alkaline battery
Rated Capacity of Li-Battery	60mAh	210mAh	600mAh	60mAH	x
Replaceable Battery	No	No	No	Yes	Yes
Operating Temp	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C
Storing Temp	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70
Arc Sensor	2	2	2	2	1
Low Amperage TIG Rated	≥30amps	≥30amps	≥30amps	≥5amps	≥30amps
Helmet Material	ABS or PC	PP or PA	PP or PA	PP or PA	PP or PA
UV/IR Protection	DIN11	DIN13	DIN13	DIN13	DIN13
Test	No	No	No	No	No
Low Battery	No	No	No	Yes	No
Grinding	No	Customizable	No	No	No
Cutting	No	No	No	No	No
LED	No	No	No	No	No

Filter



LY30BS



LY400/LY40BS

ADF Model	LY30BS	LY100R	LY110R	LY400	LY40BS
Optical Class	x	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	x
Cartridge Size	110mm × 90mm × 9mm	190.5mm × 77.5mm × 76.25mm	213mm × 83mm × 95.5mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm
Viewing Area	90 × 34mm(3.54" × 1.34")	122.5 × 35mm(4.82" × 1.38")	140 × 40mm(5.51" × 1.57")	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")
Light State	DIN4	DIN3.5	DIN3.5	DIN4	
Dark State	DIN8.5 ~ 12.5	DIN5 ~ 9/9 ~ 13	DIN5 ~ 9/9 ~ 13	DIN9 ~ 13	DIN8.5 ~ 12.5
Shade Control	External & Stepless	External & Stepless	External & Stepless	Internal & Stepless	Internal & Stepless
Switching Time	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%
Sensitivity Control	Internal & Stepless	External & Stepless	External & Stepless	Internal & Stepless	Internal & Stepless
Delay Time	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S
Power Supply	2 × 7#Alkaline battery	Li-battery	Li-battery&Solar	Li-battery & Solar	Li-battery & Solar
Rated Capacity of Li-Battery	x	600mAh	300mAh Rechargeable	600mAh	210mAh
Replaceable Battery	Yes	Yes	No	No	No
Operating Temp	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C
Storing Temp	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Arc Sensor	2	2	4	2	2
Low Amperage TIG Rated	≥5amps	≥5amps	≥5amps	≥5amps	≥5amps
Helmet Material	PP or PA	Silicone+ABS	Silicone+ABS	PP or PA	PP or PA
UV/IR Protection	DIN13	DIN13	DIN13	DIN13	DIN13
Test	No	No	Yes	No	No
Low Battery	No	Yes	Yes	No	No
Grinding	Customizable	Yes	Yes	No	No
Cutting	No	Yes	Yes	No	No
LED	No	No	Yes	No	No

Filter



LY500/LY50BS/LY500H



LY500F



LY600/LY600CS

ADF Model	LY500	LY50BS	LY500H	LY500F	LY600
Optical Class	1/1/1/2 or 1/1/1/1	x	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1
Cartridge Size	110mm × 90mm × 9mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm
Viewing Area	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")	98 × 43mm(3.86" × 1.69")	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")
Light State	DIN3.5	DIN4	DIN3.5	DIN3.5	DIN3.5
Dark State	DIN9 ~ 13	DIN8.5 ~ 12.5	DIN9 ~ 13	DIN9 ~ 13	DIN9 ~ 13
Shade Control	External & Stepless	External & Stepless	External & Stepless	External & Stepless	External & Stepless
Switching Time	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%
Sensitivity Control	Internal & Stepless	Internal & Stepless	Internal & Stepless	No	Internal & Stepless
Delay Time	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S	0.2S	0.1S ~ 1S
Power Supply	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar
Rated Capacity of Li-Battery	600mAh	210mAh	600mAh	600mAh	600mAh
Replaceable Battery	No	No	No	No	Yes
Operating Temp	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C
Storing Temp	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Arc Sensor	2	2	2	2	2
Low Amperage TIG Rated	≥5amps	≥5amps	≥5amps	≥30amps	≥5amps
Helmet Material	PP or PA	PP or PA	PP or PA	PP or PA	PP or PA
UV/IR Protection	DIN13	DIN13	DIN13	DIN13	DIN13
Test	No	No	No	No	Yes
Low Battery	No	No	No	No	Yes
Grinding	No	Customizable	No	Yes	Yes
Cutting	No	No	No	No	No
LED	No	No	No	No	No

Filter

LY600B



LY600L



LY600F



LY600E

ADF Model	LY600CS	LY600B	LY600L	LY600F	LY600E
Optical Class	x	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1
Cartridge Size	110mm × 90mm × 9mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm	110mm × 90mm × 9mm
Viewing Area	92.5 × 42.5mm(3.64" × 1.67")	100 × 50mm(3.94" × 1.97")	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")
Light State	DIN4	DIN3.5	DIN3.5	DIN3.5	DIN3.5
Dark State	DIN8.5 ~ 12.5	DIN9 ~ 13	DIN9 ~ 13	DIN5 ~ 9/9 ~ 13	DIN11
Shade Control	External & Stepless	External & Stepless	External & Stepless	External & Stepless	No
Switching Time	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%	3/10000S ± 20%
Sensitivity Control	Internal & Stepless	Internal & Stepless	Internal & Stepless	Internal & Stepless	Low/Mid/High
Delay Time	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S	Fast/Mid/Slow
Power Supply	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	2 × 7# Alkaline battery & Solar	Li-battery & Solar
Rated Capacity of Li-Battery	600mAh	420mAh	1100mAh	x	600mAh
Replaceable Battery	Yes	Yes	Yes	Yes	Yes
Operating Temp	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C
Storing Temp	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Arc Sensor	2	2	2	2	2
Low Amperage TIG Rated	≥5amps	≥5amps	≥5amps	≥5amps	≥5amps
Helmet Material	PP or PA	PP or PA	PP or PA	PP or PA	PP or PA
UV/IR Protection	DIN13	DIN13	DIN13	DIN13	DIN11
Test	Yes	Yes	Yes	Yes	Yes
Low Battery	Yes	Yes	Yes	Yes	Yes
Grinding	Yes	Yes	Yes	Yes	Yes
Cutting	No	No	No	Yes	No
LED	No	No	Yes	Yes	No

Filter

LY600G



LY700C



LY700



LY800



LY800B

ADF Model	LY600G	LY700C	LY700	LY800	LY800B
Optical Class	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1
Cartridge Size	110mm × 90mm × 9mm	124.5mm × 100.5mm × 18mm	124.5mm × 100.5mm × 18mm	133mm × 114mm × 10mm	133mm × 114mm × 10mm
Viewing Area	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")	92.5 × 42.5mm(3.64" × 1.67")	98 × 55mm(3.86" × 2.17")	100 × 59.5mm(3.94" × 2.34")
Light State	DIN3.5	DIN3.5	DIN3.5	DIN3.5	DIN3.5
Dark State	DIN5 ~ 9/9 ~ 13	DIN5 ~ 9/9 ~ 13	DIN5 ~ 9/9 ~ 13	DIN5 ~ 9/9 ~ 13	DIN5 ~ 9/9 ~ 13
Shade Control	External & Stepless	External & Stepless	External & Stepless	Internal & Stepless	External & Stepless
Switching Time	3/10000S ± 20%	3/10000S ± 20%	1/10000S ± 20% or 1/25000S ± 20%	1/10000S ± 20% or 1/25000S ± 20%	1/10000S ± 20% or 1/25000S ± 20%
Sensitivity Control	Internal & Stepless	External & Stepless	External & Stepless	Internal & Stepless	Internal & Stepless
Delay Time	0.1S ~ 1S	0.1S/0.5S/1S	0.1S/0.5S/0.1S	0.1S ~ 1S	0.1S ~ 1S
Power Supply	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar	Li-battery & Solar
Rated Capacity of Li-Battery	600mAh	1200mAh	1200mAh	1200mAh	1200mAh
Replaceable Battery	Yes	Yes	Yes	Yes	Yes
Operating Temp	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C
Storing Temp	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Arc Sensor	2	2	4	4	4
Low Amperage TIG Rated	≥5amps	≥5amps	≥5amps	≥5amps	≥5amps
Helmet Material	PP or PA	PP or PA	PP or PA	PP or PA	PP or PA
UV/IR Protection	DIN13	DIN13	DIN13	DIN13	DIN13
Test	Yes	Yes	Yes	Yes	Yes
Low Battery	Yes	Yes	Yes	Yes	Yes
Grinding	Yes	Yes	Yes	Yes	Yes
Cutting	Yes	Yes	Yes	Yes	Yes
LED	No	No	No	No	No

Filter

ADF Model	LY800C	LY800D	LY800H	LY800F	LY900
Optical Class	1/1/1/2 or 1/1/1/1				
Cartridge Size	133mm x 114mm x 10mm				
Viewing Area	100 x 67mm(3.94" x 2.64")	100 x 83mm(3.94" x 3.27")	100 x 93mm(3.94" x 3.66")	100 x 93mm(3.94" x 3.66")	100 x 67mm(3.94" x 2.64")
Light State	DIN3.5	DIN3.5	DIN3.5	DIN3.5	DIN3.5
Dark State	DIN5 ~ 9/9 ~ 13				
Shade Control	External & Stepless	External & Stepless	External & Stepless	External & Stepless	Internal,Digital Control
Switching Time	1/10000S ± 20% or 1/25000S ± 20%				
Sensitivity Control	Internal & Stepless	Internal & Stepless	External & Stepless	External & Stepless	Digital Control
Delay Time	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S	0.1S/0.5S/1S	0.1S ~ 1S, Digital Control
Power Supply	Li–battery & Solar				
Rated Capacity of Li–Battery	600mAh	600mAh	600mAh	600mAh	1200mAh
Replaceable Battery	Yes	Yes	Yes	Yes	Yes
Operating Temp	-5°C ~ 55°C				
Storing Temp	-20°C ~ 70°C				
Arc Sensor	4	4	4	4	4
Low Amperage TIG Rated	≥5amps	≥5amps	≥5amps	≥5amps	≥5amps
Helmet Material	PP or PA				
UV/IR Protection	DIN13	DIN13	DIN13	DIN13	DIN13
Test	Yes	Yes	Yes	Yes	No
Low Battery	Yes	Yes	Yes	Yes	Yes
Grinding	Yes	Yes	Yes	Yes	Yes
Cutting	Yes	Yes	Yes	Yes	Yes
LED	No	No	No	No	No

Filter

ADF Model	LY900B	LY400S	LY800G	LY800K
Optical Class	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/2 or 1/1/1/1	1/1/1/3 or 1/1/1/2
Cartridge Size	120mm x 115mm x 10mm	138.4mm x 113.5mm x 9mm	153.5mm x 120.5mm x 42mm	161mm x 182.5mm x 105mm
Viewing Area	100 x 59.5mm(3.94" x 2.34")	110 x 60mm(4.33" x 2.36")	109.5 x 97mm(4.31" x 3.82")	96 x 50mm(3.78" x 1.97")
Light State	DIN3.5	DIN3.5	DIN3.5	DIN3.5
Dark State	DIN5 ~ 9/9 ~ 13	DIN9 ~ 13	DIN5 ~ 9/9 ~ 13	DIN11
Shade Control	Internal,Digital Control	Internal & Stepless	External & Stepless	No
Switching Time	1/10000S ± 20% or 1/25000S ± 20%	3/10000S ± 20%	1/10000S ± 20% or 1/25000S ± 20%	3/10000S ± 20%
Sensitivity Control	Digital Control	Internal & Stepless	External & Stepless	No
Delay Time	0.1S ~ 1S, Digital Control	0.1S ~ 1S	0.1S ~ 1S	0.1S ~ 1S
Power Supply	Li–battery & Solar	Li–battery & Solar	Li–battery & Solar	Li–battery & Solar
Rated Capacity of Li–Battery	300mAh Rechargeable	1200mAh	300mAh Rechargeable	300mAh Rechargeable
Replaceable Battery	No	Yes	No	No
Operating Temp	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C	-5°C ~ 55°C
Storing Temp	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Arc Sensor	4	2	4	2
Low Amperage TIG Rated	≥5amps	≥5amps	≥5amps	≥5amps
Helmet Material	PP or PA	PP or PA	PP or PA	PP or PA
UV/IR Protection	DIN13	DIN13	DIN13	DIN13
Test	No	No	Yes	
Low Battery	Yes	No	Yes	
Grinding	Yes	No	Yes	
Cutting	Yes	No	Yes	
LED	No	No	Yes	