



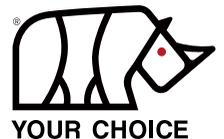
Changzhou Inwelt Welding Technology Co., Ltd

D819, Creative Park, No. 9-2, Taihu East Road, Xinbei Dist,
Changzhou City, Jiangsu Province, China 213022

T: 0086 519 81880890

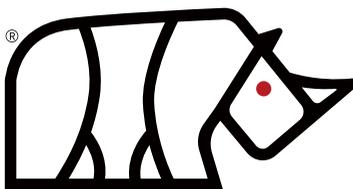
F: 0086 519 81880891

Email: cathy.yu@czinwelt.com



WELDING HELMET

PRODUCT INTRODUCTION



YOUR CHOICE

COMPANY INTRODUCTION

公司简介

Inwelt was established in 2011 as a professional manufacturer of welding safety products, material and welding torches. With 52000 Sq.M, 250 employees, 10 Senior Engineers and 15 Q.C.

We offer to our customers:

- complete offer of welding, abrasive and personal safety products
- qualified staff with easy communication in English
- modern information systems implemented
- developed and efficient logistics organization

We created a complete range of welding products and accessories, which helps our partners to find "cost alternative" and high quality goods as the alternative to international well-known manufacturers.

YOUR PROFESSIONAL WELDING SUPPLIER



COMPANY PHILOSOPHY

公司理念

VALUES

Team Work, Embrace Change,
Passion for Life!

团队合作，拥抱变化，认真生活！

MISSION

Provide high quality Welding
products, highly adaptive
operations flow!

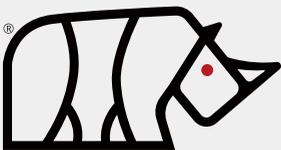
为全球客户提供高品质的焊接产品，
更自由的采购模式！

VISION

To be a world class Supplier of
welding products.
A workplace with high employee
satisfacting!

成为世界一流的焊接服务商，做一个
高幸福指数的企业！

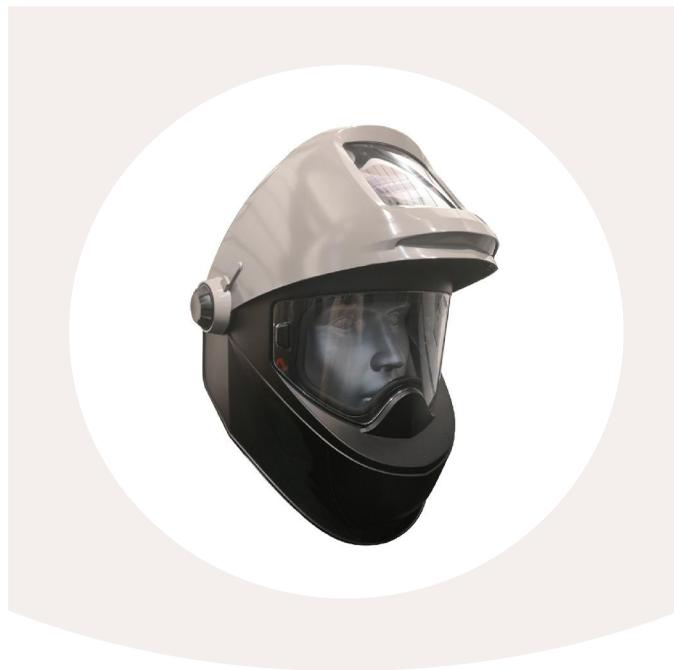




YOUR CHOICE

FLIP-UP WELDING AND GRINDING HELMET

**Revolutionary Helmet with
Innovative Bluetooth Remote Control**



Lightweight, Ergonomic Design with High Impact Resistance Material

Flip Up with Large Clear View For Grinding/Cutting

All-around Head Protection

Fast and Easy Switch Between Grinding and Welding

GRINDING HELMET

Lightweight, Fashionable and Ergonomic Design

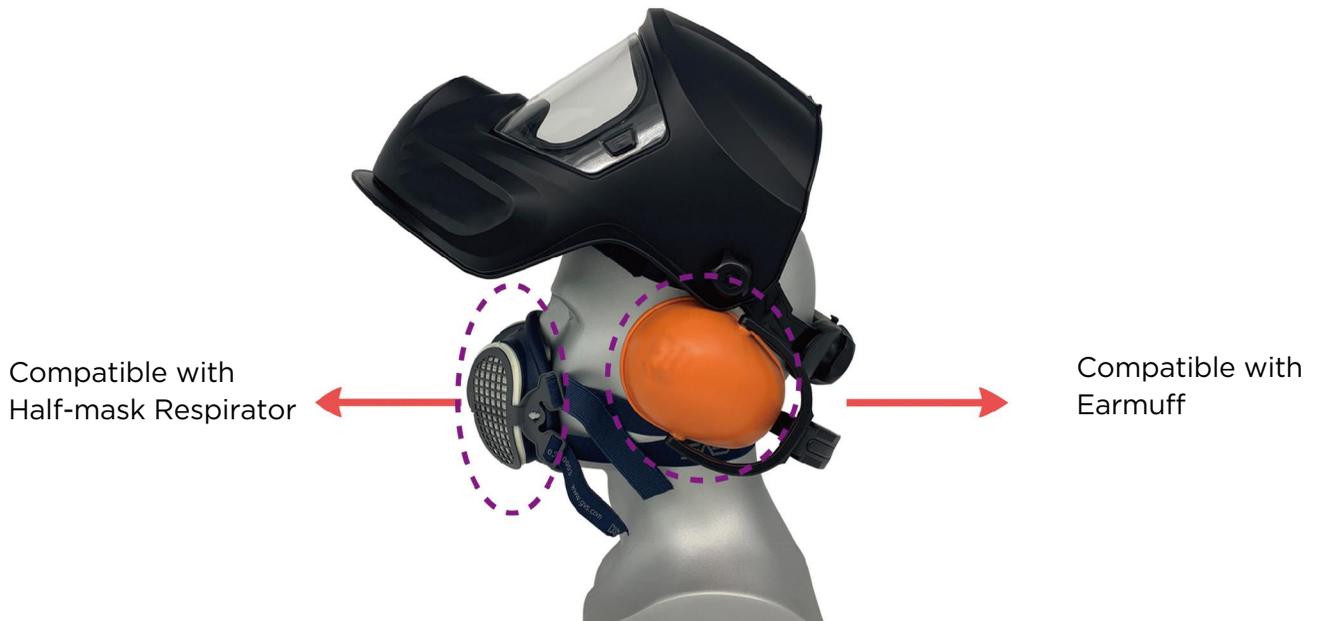
High Impact Resistance Polycarbonate Visor

Excellent Front and Peripheral Vision

All-round Head Protection

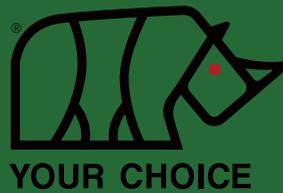


YOUR CHOICE

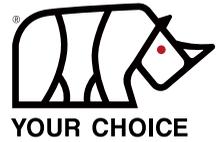


GRINDING HELMET

Different Shade Flip-up and Inner Visor Effectively Provides Uv/ir Protection
Applicable To Welding, Grinding & Cutting
Fast and Easy Replacement of Flip-up & Inner Visor



Respiratory Option With Inwelt Papr, Which Provide Constant Flow Of
Clean Air and More Comfort



01

The Mask Is Made Of Special Nylon, and Has Higher Enough Strength and Operation Temperature For Welding.



02

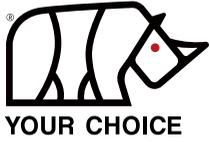
Fashion Design, Reasonable Ergonomic Structure, Comfortable and Convenient To Use.



03

Light Weight.





IW-28000

Fit for standard ADF dimension :
114x133mm (4.5"x 5.25")
Outer protection lens: PL-5002 114x133x1mm



IW-26000

Fit for standard ADF dimension :
114x133mm(4.5x5.25)
Outer protection lens: PL-5002 114x133x1mm



IW-25000

Fit for standard ADF dimension :
110x90mm (4.33"x 3.54")
Outer protection lens: PL-5004 118x97x1mm



IW-24000

Fit for standard ADF dimension :
114x133mm (4.5"x 5.25")
Outer protection lens: PL-5002 114x133x1mm



IW-23000

Fit for standard ADF dimension :
 110x90mm (4.33" x 3.54")
 Outer protection lens: PL-2002 110x90x1mm



IW-22000

Fit for standard ADF dimension :
 110x90mm (4.33" x 3.54")
 Outer protection lens: PL-2002 110x90x1mm



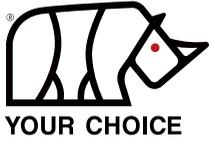
IW-2F

Fit for standard ADF dimension :
 110x90mm (4.33" x 3.54")
 Outer protection lens: PL-2002 110x90x1mm



IW-F

Fit for standard ADF dimension :
 110x90mm (4.33" x 3.54")
 Outer protection lens: PL-2002 110x90x1mm



IW203

Fit for standard ADF dimension :
90*30mm (3.54" x 1.18")
Outer protection lens 108*50mm



IW2020

Fit for standard ADF dimension :
108*50mm (4.25" x 1.96")
Outer protection lens 108*50mm



IW1000

Fit for standard ADF dimension :
93X43mm mm (3.66" x 1.69")
Outer protection lens 110*90mm



IW065

Fit for standard ADF dimension :
93X43mm mm (3.66" x 1.69")
Outer protection lens 110*90mm



IW-5122(D)



IW-5122

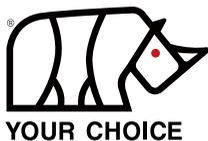


IW-5022(D)



IW-5001(D)

Model	IW-5122(D)	IW-5122	IW-5022(D)	IW-5001(D)
Filter dimension	114X133X9.5MM(4.5" x 5.25")	114x133x9.5mm (4.5" x 5.25")	114x133x9.5mm (4.5" x 5.25")	114X133X9.5MM (4.5"X 5.25")
View size	100X83.4MM(3.94" x 3.28")	100x83.4mm (3.94" x 3.28")	100x60mm (3.94" x 2.36")	100X60MM (3.94"X 2.36")
Classification	1/1/1/1	1/1/1/1	1/1/1/1	1/1/1/1
Sensors	4	4	4	4
Light state	SHADE 4 (3# IS AVAILABLE)	Shade4 (3# is available)	Shade4 (3# is available)	SHADE 4 (3# IS AVAILABLE)
Dark state	VARIABLE SHADE 5~9/9~13	Variable shade 5~9/9~13	Variable shade5~9/9~13	VARIABLE SHADE9~13
Shade control	INTERNAL, DIGITAL CONTROL	Internal	Internal, digital control	INTERNAL, DIGITAL CONTROL
Switching time	0.08MS	0.08ms	0.08ms	0.08MS
Sensitivity control	ADJUSTABLE (INTERNAL,DIGITAL	Adjustable (Internal)	Adjustable (Internal,digital control)	ADJUSTABLE (INTERNAL,DIGITAL
Delay time control	CONTROL)	0.1~0.9S A djustable	0.1~0.9S A djustable	CONTROL)
Grinding function	0.1~0.9S ADJUSTABLE	YES	YES	0.1~0.9S ADJUSTABLE
Low battery warning indicator	YES	YES	YES	YES
Operation temperature	YES	-10℃~65℃ (14℉~149℉)	-10℃~65℃ (14℉~149℉)	YES
Storing temperature	-10℃~65℃ (14 ℉~149 ℉)	-20℃~85℃(-4 ℉~185 ℉)	-20℃~85℃(-4℉~185℉)	-10℃~65℃ (14 ℉~149 ℉)
Power supply	-20℃~85℃ (-4 ℉~185 ℉)	Solar cell, replaceable	Solar cell, replaceable	-20℃~85℃ (-4 ℉~185 ℉)
	SOLAR CELL, REPLACEABLE	battery (CR2450*1PC)	battery (CR2450*2PCS)	SOLAR CELL, REPLACEABLE
Inner protection lens	BATTERY (CR2450*1PC)	PL-5003	PL-5001	BATTERY (CR2450*2PCS)
Minimum TIG welding current	PL-5003	3A	3A	PL-5001
True color	3A	Advanced	Advanced	3A



IW-1121



IW-1131(I)



IW-1021



IW-1021(D)

	IW-1121	IW-1131(I)	IW-1021	IW-1021(D)
	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")
	100x60mm (3.94" x 2.36")	100x60mm (3.94" x 2.36")	97x47mm (3.82" x 1.85")	97x47mm (3.82" x 1.85")
	1/1/1/1	1/1/1/1	1/1/1/1	1/1/1/1
	4	3	4	4
	Shade 4	Shade 3	Shade 4	Shade 4
	Variable shade 5~9/9~13	Variable shade 5~9/9~13	Variable shade 5~9/9~13	Variable shade 5~9/9~13
	External	Internal	External	Internal, digital control
	0.08ms	0.08ms	0.08ms	0.08ms
	Adjustable (External)	Adjustable (Internal)	Adjustable (Internal)	Adjustable (Internal,digital control)
	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1~0.9s adjustable
	YES	YES	YES	YES
	YES	YES	YES	YES
	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)
	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)
	Solar cell, replaceable	Solar cell, replaceable	Solar cell, replaceable	Solar cell, replaceable
	battery (CR2450*1pc)	Battery(CR2032*2PCS)	battery (CR2450*1pc)	battery (CR2450*1pc)
	PL-5001	PL-5001	PL-2001	PL-2001
	3A	3A	3A	5A
	Advanced	Advanced	Advanced	Advanced



IW-5022

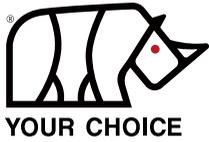


IW-5001



IW-5000

Model	IW-5022	IW-5001	IW-5000
Filter dimension	114x133x9.5mm (4.5" x 5.25")	114x133x9.5mm (4.5" x 5.25")	114x133x9.5mm (4.5" x 5.25")
View size	100x60mm (3.94" x 2.36")	100x60mm (3.94" x 2.36")	97x47mm (3.82" x 1.85")
Classification	1/1/1/1	1/1/1/2	1/1/1/2
Sensors	4	4	3
Light state	Shade 4	Shade 4	Shade 4
Dark state	Variable shade 5~9/9~13	Variable shade 9~13	Variable shade 9~13
Shade control	Internal	Internal	Internal
Switching time	0.08ms	0.08ms	0.08ms
Sensitivity control	Adjustable (Internal)	Adjustable (Internal)	Adjustable (Internal)
Delay time control	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1~0.9s adjustable
Grinding function	YES	YES	YES
Low battery warning indicator	YES	YES	YES
Operation temperature	-10℃~65℃ (14 ℉ -149 ℉)	-10℃~65℃ (14 ℉ -149 ℉)	-10℃~65℃ (14 ℉ -149 ℉)
Storing temperature	-20℃~85℃ (-4 ℉ -185 ℉)	-20℃~85℃ (-4 ℉ -185 ℉)	-20℃~85℃ (-4 ℉ -185 ℉)
Power supply	Solar cell, replaceable battery (CR2450*2pcs)	Solar cell, replaceable battery (CR2450*2pcs)	Solar cell, replaceable battery (CR2450*1pc)
Inner protection lens	PL-5001	PL-5001	PL-5000
Minimum TIG welding current	3A	3A	3A
True Color	Advanced	Regular	Regular

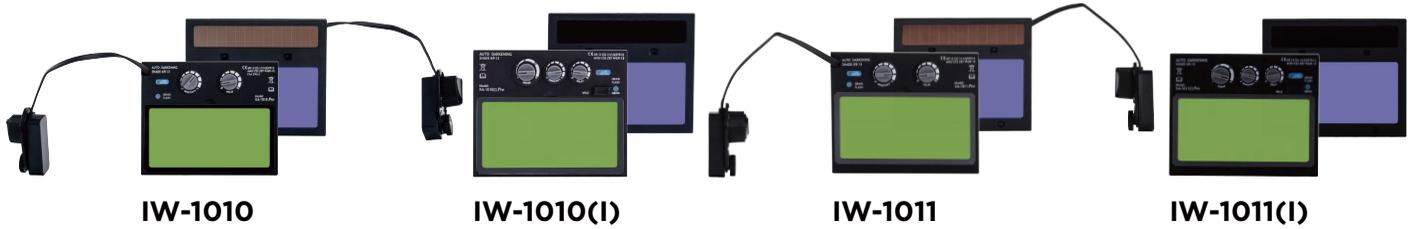


IW-1007

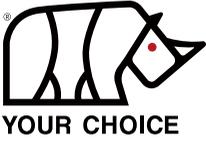


IW-1122E

Model	IW-1007	IW-1122E
Filter dimension	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")
View size	100x49mm (3.94" x 1.93")	100x60mm (3.94" x 2.36")
Classification	1/1/1/2	1/1/1/2
Sensors	2	4
Light state	Shade 4	Shade 4
Dark state	Variable shade 9~13	Variable shade 9~13
Shade control	External	External
Switching time	0.08ms	0.08ms
Sensitivity control	Adjustment	Adjustment
Delay time control	0.1~0.9s Adjustable	0.1~0.9s adjustable
Grinding function	no	YES
Low battery warning indicator	YES	YES
Operation temperature	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)
Storing temperature	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)
Power supply	Solar cell, no battery replaced	Solar cell, replaceable battery (CR2450*1pc)
Inner protection lens	PL-2001	PL-5001
Minimum TIG welding current	5A	3A
True Color	Regular	Regular



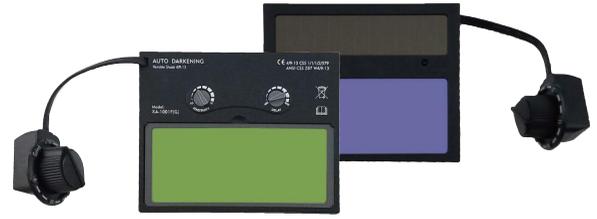
Model	IW-1010	IW-1010(I)	IW-1011	IW-1011(I)
 Filter dimension	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")
 View size	97x47mm (3.82" x 1.85")	97x47mm (3.82" x 1.85")	97x47mm (3.82" x 1.85")	97x47mm (3.82" x 1.85")
 Classification	1/1/1/2	1/1/1/2	1/1/1/2	1/1/1/2
 Sensors	2	2	4	4
 Light state	Shade 4	Shade 4	Shade 4	Shade 4
 Dark state	Variable shade 9~13	Variable shade 9~13	Variable shade 9~13	Variable shade 9~13
 Shade control	External	Internal	External	Internal
 Switching time	0.08ms	0.08ms	0.08ms	0.08ms
 Sensitivity control	Adjustable (Internal)	Adjustable (Internal)	Adjustable (Internal)	Adjustable (Internal)
 Delay time control	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1~0.9s adjustable
 Grinding function	YES	YES	YES	YES
 Low battery warning indicator	YES	YES	YES	YES
 Operation temperature	-10℃~65℃ (14 ℉ -149 ℉)	-10℃~65℃ (14 ℉ -149 ℉)	-10℃~65℃ (14 ℉ -149 ℉)	-10℃~65℃ (14 ℉ -149 ℉)
 Storing temperature	-20℃~85℃ (-4 ℉ -185 ℉)	-20℃~85℃ (-4 ℉ -185 ℉)	-20℃~85℃ (-4 ℉ -185 ℉)	-20℃~85℃ (-4 ℉ -185 ℉)
 Power supply	Solar cell, no battery replaced	Solar cell, no battery replaced	Solar cell, no battery replaced	Solar cell, no battery replaced
 Inner protection lens	PL-2001	PL-2001	PL-2001	PL-2001
 Minimum TIG welding current	5A	5A	5A	5A
 True Color	Regular	Regular	Regular	Regular



IW-1001F(I)



IW-1001F(I/G)

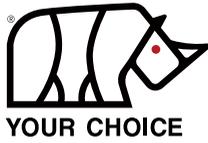


IW-1001F(G)

	IW-1001F(I)	IW-1001F(I/G)	IW-1001F(G)
	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")
	96 x 42mm (3.78" x 1.65")	96 x 42mm (3.78" x 1.65")	96 x 42mm (3.78" x 1.65")
	1/1/1/2	1/1/1/2	1/1/1/2
	2	2	2
	Shade 4	Shade 4	Shade 4
	Variable shade 9~13	Variable shade 9~13	Variable shade 9~13
	Internal	Internal	External
	0.1ms	0.1ms	0.1ms
	Adjustable (Internal)	Adjustable (Internal)	Adjustable (Internal)
	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1~0.9s adjustable
	NO	Yes	Yes
	NO	NO	NO
	-10°C~65°C (14 F -149 F)	-10°C~65°C (14 F -149 F)	-10°C~65°C (14 F -149 F)
	-20°C~85°C (-4 F -185 F)	-20°C~85°C (-4 F -185 F)	-20°C~85°C (-4 F -185 F)
	Solar cell, no battery replaced	Solar cell, no battery replaced	Solar cell, no battery replaced
	PL-2003	PL-2003	PL-2003
	5A	5A	5A
	Regular	Regular	Regular



Model	IW-1001F	IW-1006	IW-1009
 Filter dimension	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")	110x90x8.5mm (4.33" x 3.54")
 View size	96x42mm (3.78" x 1.65")	92x42mm (3.62" x 1.65")	90x40mm (3.54" x 1.57")
 Classification	1/1/1/2	1/1/1/2	1/1/1/2
 Sensors	2	2	2
 Light state	Shade 4	Shade 4	Shade 4
 Dark state	Variable shade 9~13	Variable shade 9~13	Variable shade 9~13
 Shade control	External	External	External
 Switching time	0.1ms	0.1ms	0.1ms
 Sensitivity control	Adjustable (Internal)	Adjustable (Internal)	Low~mid~high adjustment
 Delay time control	0.1~0.9s adjustable	0.1~0.9s adjustable	0.1s,0.5s,0.9s
 Grinding function	NO	YES	YES
 Low battery warning indicator	No	No	No
 Operation temperature	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)
 Storing temperature	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)
 Power supply	Solar cell, no battery replaced	Solar cell, no battery replaced	Solar cell, no battery replaced
 Inner protection lens	PL-2003	PL-2003	PL-2008
 Minimum TIG welding current	5A	5A	5A
 True Color	Regular	Regular	Regular



IW-1003L



IW-1003



IW-1004V



IW-1004

	IW-1003L	IW-1003	IW-1004V	IW-1004
	110*90*7.5mm(4.33" x 3.54")	110x90x5.5mm (4.33" x 3.54")	108 × 50.8 × 6.8 mm(4.25" x 2")	108 × 50.8 × 5.5 mm(4.25" x 2")
	100x60mm(3.94"x2.36")	96x42mm (3.78" x 1.65")	95x36mm (3.74" x 1.42")	92x36mm (3.62"x 1.42")
	1/1/1/1	1/1/1/1	1/1/1/2	1/1/1/1
	2	2	2	2
	Shade 3	Shade 3	Shade 4 (3# is available)	Shade 3
	Shade10	Shade10 or 11 or 12	Variable shade 9–13	Shade10 or 11 or 12
	No	No	Internal	No
	0.3ms	0.3ms	0.08ms	0.3ms
	NO	NO	Adjustable	NO
	0.4s	0.4s	0.1–0.9s Adjustable	0.4s
	No	No	No	No
	yes	No	yes	No
	-10℃~65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)	-10℃~ 65℃ (14 ℉~149 ℉)	-10℃~65℃ (14 ℉~149 ℉)
	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)	-20℃~85℃ (-4 ℉~185 ℉)
	Solar cell, replaceble	Solar cell,	Solar cell,replaceble	Solar cell,
	CR2032*1PC	no battery replaced	Battery(CR1025*2PCS)	no battery replaced
	PL-5001	PL-2002	PL-5004	PL-2004
	20A	30A	5A	30A
	Regular	Regular	Regular	Regular



RED

IW-23000





BLUE

IW-23000



Main Features



• Fashion hand– hold design.



• The mask is made of special Nylon, which has higher enough strength and operation temperature for welding.



• Use of high quality LCD and multilayer optical interference filter provides clear view and permanent UV/IR protection up DIN 13.



• Handshield is convenient to use.



• Mask and filter meet CE and ANSI standard.



• SAS–100 is equipped with a filter which is controlled by a button. It is easy to use.



• SAS Series can also fit in standard filters XA–1003, XA–1004 and the same size shade glass filter.



IWT-S-100



IW-1002

IWT-S-1.1



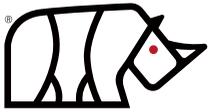
IW-1003

IWT-S-1.2



IW-1004

Technology PARAMETERS	MODEL	SAS-100	SAS-1.1	SAS-1.2
		IW-1002	IW-1003	IW-1004
Filter dimension		110 × 90 × 8.5mm(4.33" × 3.54")	110x90x5.5mm(4.33" × 3.54")	108 × 50.8 × 5.5mm(4.25" × 2")
View size		96 × 42mm(3.78" × 1.65")	96 × 42mm(3.78" × 1.65")	92 × 36mm(3.62" × 1.42")
Light state shade		Shade 3	Shade 3	Shade 3
Dark state shade		Shade 11	Shade 10 or 11 or 12	Shade 10 or 11 or 12
Switching time		N/A	0.3ms	0.3ms
Time from dark to light		N/A	0.4s	0.4s
Operation temperature		-10°C -65°C (14 °F -149 °F)	-10°C -65°C (14 °F -149 °F)	-10°C -65°C (14 °F -149 °F)
Power supply		Lithium batteries	Solar cell & Lithium batteries	Solar cell & Lithium batteries
Arc sensor		No	2	2
UV/IR protection		DIN 13	DIN 13	DIN 13
Outer protection lens		PL-2002	PL-2002	PL-2002
Inner protection lens		PL-2007	PL-2002	PL-2004



YOUR CHOICE



IWT-G-108

Shade glass filter: 108 × 50.8mm
Filter frame: Fixed
Outer protection lens: PL- 2002
Inner protection lens: PL- 2004



IWT-G-2

Shade glass filter: 110 × 90mm
Filter frame: Fixed
Outer protection lens: PL- 2002
Inner protection lens: PL- 2002



IWT-G-4

Shade glass filter: 114 × 133mm
Filter frame: Fixed
Outer protection lens: PL- 5002
Inner protection lens: PL- 5002



IWT-G-110 / IWT-G-108

Shade glass filter: 110 × 90mm/108 × 50.8mm
Filter frame: Fixed
Outer protection lens: PL- 2002 / PL- 2002
Inner protection lens: PL- 2002 / PL- 2004



IWT-G-108

Shade glass filter: 108 × 50.8mm
 Filter frame: Lift
 Outer protection lens: PL- 2004
 Inner protection lens: PL- 3001



IWT-G-2

Shade glass filter: 108 × 50.8mm
 Filter frame: Fixed
 Outer protection lens: PL- 2005
 Inner protection lens: PL- 2004



IWT-G-4

Shade glass filter: 110 × 90mm
 Filter frame: Lift
 Outer protection lens: PL- 2002
 Inner protection lens: PL- 3001



IW0001

Fit for standard ADF dimension :
 90*30mm (3.54" x 1.18")
 Outer protection lens 108*50 mm



Product overview



01
IWP1000 Series



02
IWP1003 Series



03
IWP1004 Series



CE certified



Adjustable 3 level
air flow control



Continuous
filtered air



Various warning
settings



TH2 P R SL
protection



Rechargeable
battery

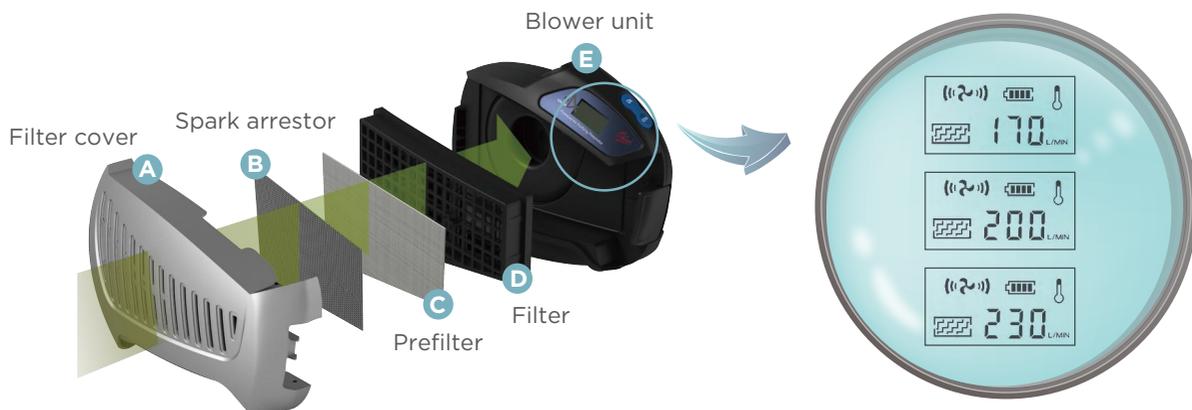


Light weight and
comfortable



High quality ADF
providing a
desirable vision

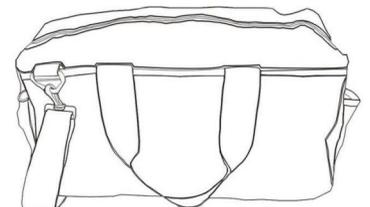
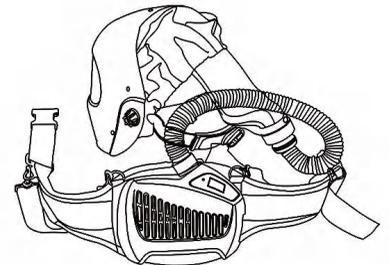
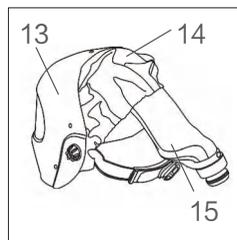
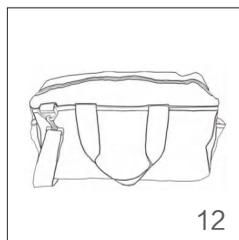
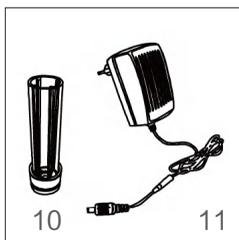
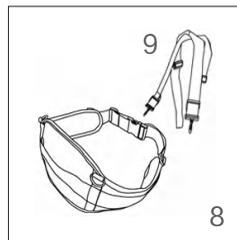
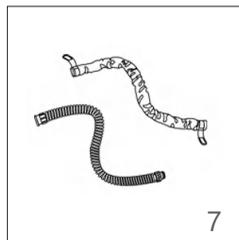
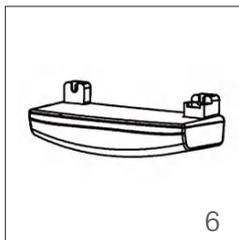
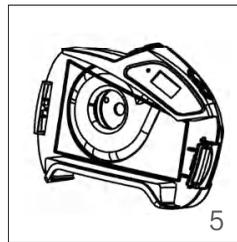
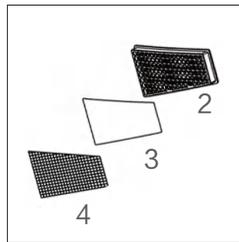
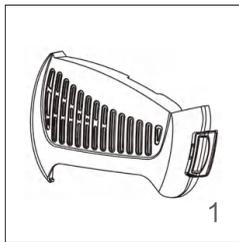
Sketch map of main structure of breathing apparatus



PAPR Assembly

Code No.	Description	Code No.	Description
1	IWP- 04 01 001 Filter cover	10	IWP- 06 04 001 Portable airflow testing unit
2	IWP- 04 04 001 Filter	11	IWP- 06 03 001 Battery charger
3	IWP- 04 03 001 Prefilter	12	IWP- 05 03 001 Carrier bag
4	IWP- 04 02 001 Spark Arrestor		IWP- 01 01 001 Welding helmet FIRE
5	IWP- 04 05 001 Blower unit	13	IWP- 01 01 002 Welding helmet AS-3000F
6	IWP- 03 01 001 Rechargeable Li-ION battery		IWP- 01 01 003 Welding helmet AS-4000F
7	IWP- 06 01 001 Breathing tube and cover (1m/1.2m)	14	IWP- 01 02 001 Face Seal
8	IWP- 05 01 001 Waist belt	15	IWP- 02 01 001 Airduct with headgear
9	IWP- 05 02 001 Dual shoulder strap		

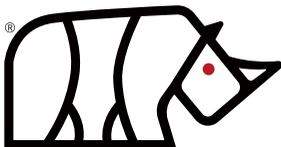
Product decomposition



Main Technology characteristics

 Airflow velocity	<ul style="list-style-type: none"> • 170L/MIN, 200L/MIN, 230L/MIN
System	<ul style="list-style-type: none"> • Automatic detecting and controlling system provides constantly stable clean air
 Switch	<ul style="list-style-type: none"> • 3 levels of airflow control • On/off switch • Automatic shutting down if unused for 30 mins
 Liquid crystal display	<ul style="list-style-type: none"> • Airflow level and data • Battery life • Filter loading status
 Warning	<ul style="list-style-type: none"> • Low battery • Jammed filter • Airflow jammed causing low airflow • High battery temperature
 Working noise	<ul style="list-style-type: none"> • Max.73dB
 High filter efficiency	<ul style="list-style-type: none"> • 99.996% @ 0.3um
 Filtration level	<ul style="list-style-type: none"> • TH2 PR SL
 Size	<ul style="list-style-type: none"> • 240x165x70mm (LxWxT)
 Weight	<ul style="list-style-type: none"> • Complete unit 1370g • No batteries 1020g
 Battery operating time	<ul style="list-style-type: none"> • Level 1: > 8h • Level 2: > 6h • Level 3: > 4h
 Battery	<ul style="list-style-type: none"> • Li-ION 12v 4400mAh
 Charging time	<ul style="list-style-type: none"> • 3.5h
 Charging frequency	<ul style="list-style-type: none"> • ≥ 500
 Operating temperature	<ul style="list-style-type: none"> • - 5° C~ + 55° C
 Certificates	<ul style="list-style-type: none"> • CE EN 12941.1998 + A2:2008





YOUR CHOICE

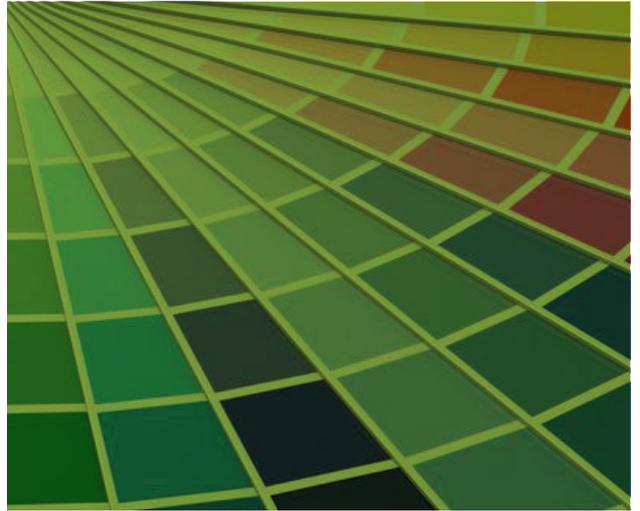
**INWELT TRUE COLOR
INWELT YOUR FOCUS**

INWELT TRUE COLOR INWELT YOUR FOCUS

True color high definition filter optics allow you to see a full spectrum of colors.
Alleviation of eye fatigue No need to remove helmets for a clear view



True color



Non true color

EFFICIENCY

Enhanced coating technology
Offering more visible light
Efficient to read machine settings and data



True color



Non true color



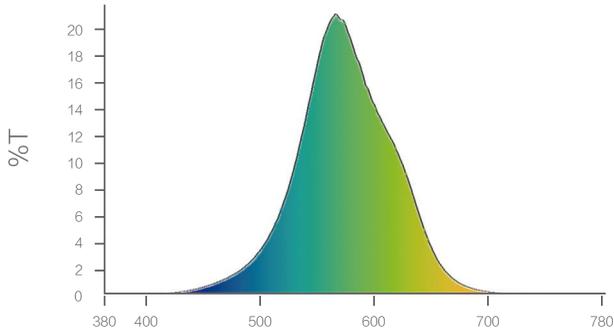
True color



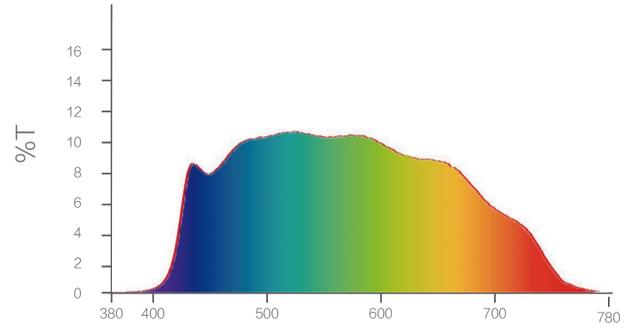
Non true color

HOW TO CHOOSE TRUE COLOR?

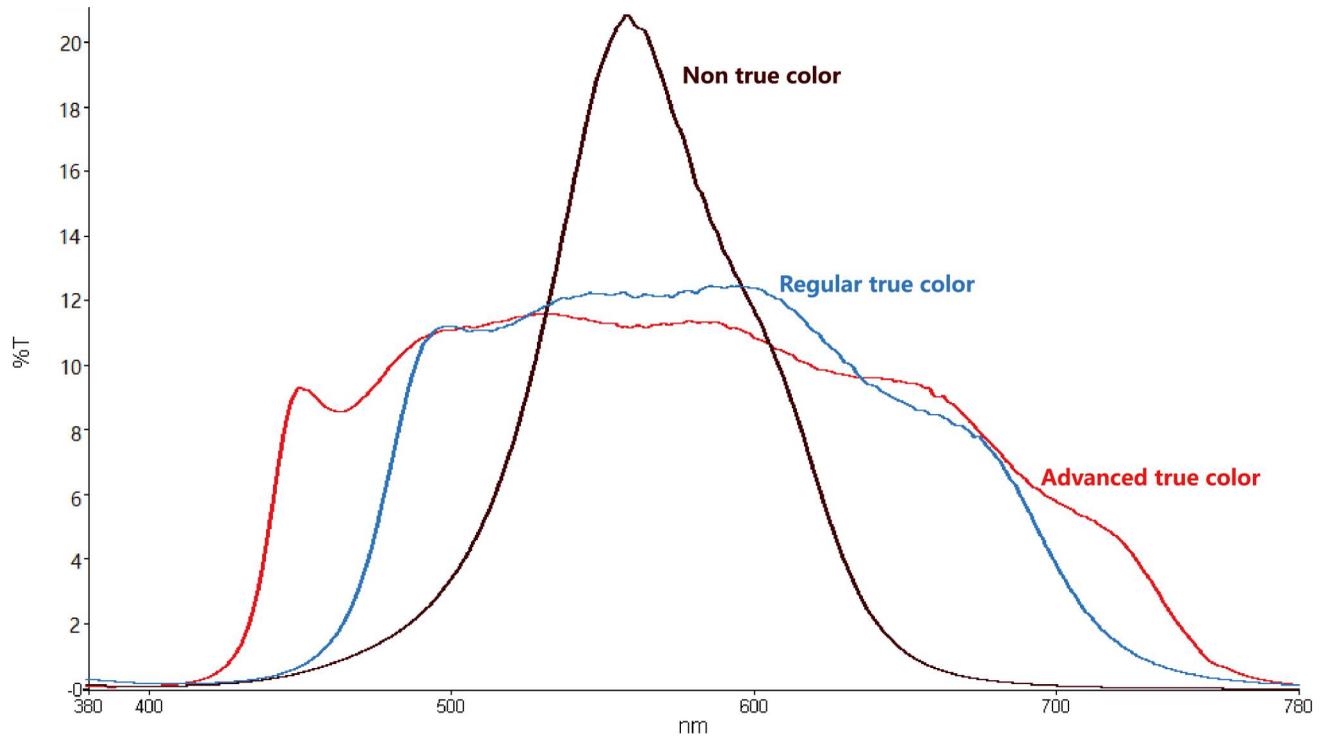
True color stands out with its complex coating technology and cutting edge production control. Among various true color ADFs, those who comply with CE, ANSI, CSA standards and offer widest range of visible light are your best choices.



Non True Color



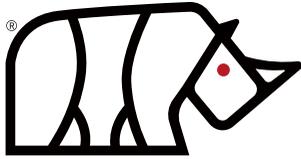
Inwell's True color ADF visible light





WELDING HELMET

GRAPHIC OPTIONS



YOUR CHOICE

IW-23000 SERIES



RED



BLUE



BLACK



3CSS01



3CSS02



3CSS03



3CSS04



3CSS05



3CSS06



3CSS07



3CSS09



IW-2000F SERIES



RED



BLUE



SILVER



CARBON FIBER

FIRE SERIES



RED



BLUE



GREY



BLACK

IW-2 SERIES



RED



BLUE



GREY

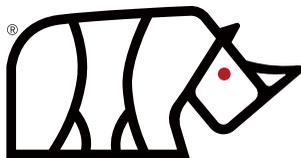


CARBON FIBER



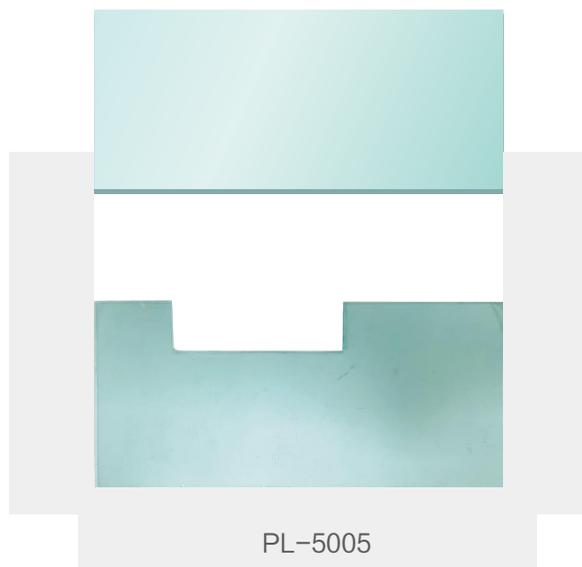
WELDING HELMET

ACCESSORIES



YOUR CHOICE

Inner protection lens



PART NO.	DIMENSION
IPL-2001	104.7 × 53.8 × 1mm
IPL-2003	103.5 × 47 × 1mm
IPL-2004	108 × 50.8 × 1mm
IPL-2006	96 × 47 × 1mm
IPL-2007	107.4 × 51.1 × 1mm
IPL-2008	97.4 × 44.9 × 1mm
IPL-5000	103 × 53 × 1mm
IPL-5001	106 × 66 × 1mm
IPL-5003	106.5 × 89.5 × 1mm
IPL-5005	108 × 50.8 × 1mm

Outer protection lens

PART NO.	DIMENSION
IPL-2002	110x90x1mm
IPL-2005	114x75x1mm
IPL-5002	114x133x1mm
IPL-5004	118 × 97 × 1mm

Inner protection lens

PART NO.	DIMENSION
PL-3001	110x90x2mm

Shade glass filter

PART NO.	DIMENSION
ISG-1001	108.5x50.8x3mm
ISG-1002	110x90x3mm
ISG-1003	114x133x3mm

HEADGEAR



PART NO.

IHG-2003



PART NO.

IHG-2002



PART NO.

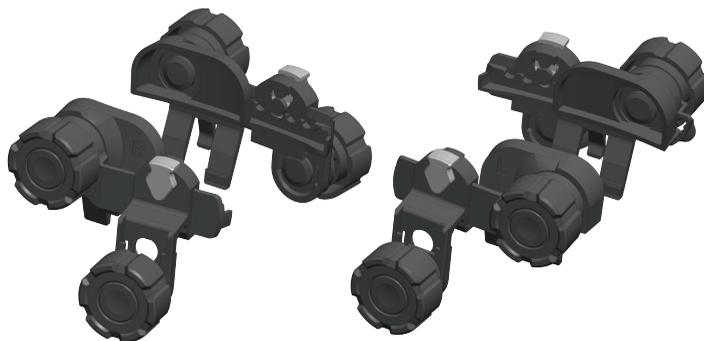
IHG-2001

HARD HAT ADAPTER



PART NO.

IHHA-1



PART NO.

IHHA-2

SWEATBAND



PART NO.

ISW-2001



PART NO.

ISW-2003



PART NO.

ISW-2002



PART NO.

ISW-2004



Magnifying lens

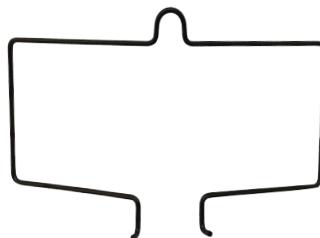


PART NO.

IML-2001 : Diopter 1.5

IML-2002 : Diopter 2.0

Metal clips



PART NO.

ISP-2001

Plastic filter adapter



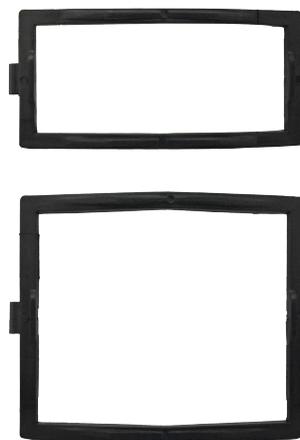
PART NO.

ISP-1001 (fit for FG-I)

ISP-1004 (fit for WG-III)

ISP-1005 (fit for GS-108)

Plastic spring frame



PART NO.

ISP-1002

ISP-1003

Helmet bag



Handle



PART NO.

ISP-1006

REVOLUTIONARY ADF WITH INNOVATIVE BLUETOOTH REMOTE CONTROL

User-friendly remote design with bluetooth interface and OLED display .

Multi-featured interface menu provides easy and quick ADF setting .

Remote can either be Locked on helmet or taken off .

Environmentally friendly rechargeable Li-ion battery design .

No battery replacement needed .

Ughtweight, slim compact design to reduce fatigue and increase comfort. The ADF is 27% thinner and 20% Lighter .

Unprecedented true color technology provides a true visual world .

CE Classification	1/1/1/1
True Color	YES
View Size	100*60mm
Arc Sensor	4
Shade Range	3/5-9/9-13
Delay Range	0.1s - 1s
Shade number of POWER OFF state	3#
Power On/Off	Fully Automatic
Adjustment mode	Wireless remote control
Switching Time	0.08ms
Grinding Function	YES
Cutting Function	Yes , Shade5#-8# adjustable
Low battery Indicator	YES
Low Amperage TIG Rated	3A
Power Supply	Solar Cell, Li-ion rechargeable
Certification	CE , ANSI, CSA , AS/NZS



REMOTE

ADF Battery Operating Time	> 300h
Charging Time	3.5h
Charging Frequency	> 500

Display	OLED
Mode Setting	Press & Turn
Short Press (<1s)	<pre> Shade / \ Sensitivity → Delaytime </pre>
Long Press (>1s)	<pre> Welding / \ Grinding → Cutting </pre>
Power Supply	Li-ion Rechargeable Battery

HEADGEAR

Part No.HG-2003

Lightweight, ergonomic, 5 points adjustable balance design provides more flexibility and comfort .



Changzhou Inwelt Welding Technology Co., LTD

