









TronicFill



SOREX









WH615S / WH735S / WH800S / WH820S



Enhance your performance with ClearWelding.

ClearWelding brand, owned by TECMEN ELECTRONICS CO., LTD, provides only certified welding helmets. As a world famous market leader, TECMEN has been the largest and fastest growing manufacturer and supplier of first-class welding helmets at affordable prices.



We focus on researching, developing and manufacturing all kinds of auto darkening filters, welding masks, powered air purifying respirator and welding accessories.

We have a professional workshop with 14,000 square metres, a strong R&D team with skilled senior engineers, and the most advanced inspecting, researching instruments used for our production inspection and technology R&D.

The company is ISO 9001:2008 and GS qualified. All productions and management are strictly performed in accordance with ISO quality control system requirements.

CLEARWELDING provides only certified welding helmets.

Clearwelding products are ANSI, CSA, DINplus, DIN-Geprüft, GS, CE and AS/NZS approved under newest standard. TECMEN is the first Chinese manufacuturer to gain ANSI/CSA, CE, DINplus, GS with the best optical

When ClearWelding products are on the job, you can be assured that you are safe and protected.





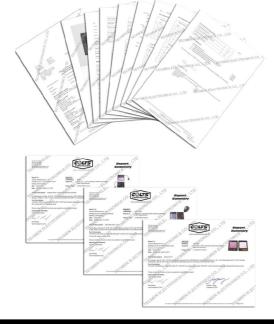








All ClearWelding helmet shells comply to AS/NZS 1337.1. Auto Lens comply to AS/NZS 1338.1



















WH615S / WH735S / WH800S / WH820S



How to choose the right Welding Helmet?

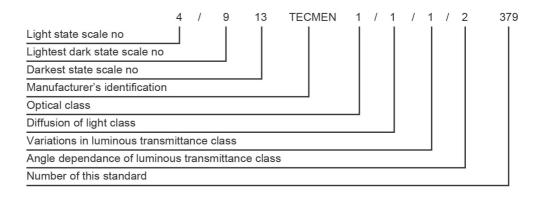
Be serious before purchasing a Welding Helmet.

To protect yourself, never consider choosing a helmet only on price aspect. If the filter can get dark, that is not to say it will provide strong protection for your eyes. Welding helmets with Auto Darkening filters are composed of science and high technology in the field of liquid crystals, microelectronics, optoelectronics, solar energy sources and optics.

Look before you buy.

In accordance to international standards quality constructed Automatic Lens will feature key information for your safety and piece of mind. The Automatic Lens should always include optical class, certification body marks, maker marks & applicable standards. Generally cheap or uncertified welding helmets will fail to show all or some of these marks. If in doubt ask to see Automatic Lens.





What does 1 / 1 / 1 / 2 Mean?

The main parameters of welding filters: optical class, light diffusion, light homogeneity and angle dependence. The parameters in each position can be any value from 1 to 3 (worst) and determine the characteristics of the filter.

Optical class

- Optical class indicates optical quality of the ocular. **Light diffusion**
- Light diffusion class (adjustable filters only)1, 2 or 3 indicates light diffusion class of the filter lens.

Light homogeneity

- Variations in luminous transmittance class 1, 2 or 3 indicates shade variablity in the dark state of the filter.

Angle dependence

- Angle dependence of luminous transmittance class 1, 2 or 3 indicates the shade remains consistent when looking at an angle.



High Impact Rating

All ClearWelding Helmets comply with High impact requirments outlined in AS/NZS 1337.1

Clear Vision





All ClearWelding Helmets offer Clear Vision Technology. Compare for yourself.

























WH615S Series







Specifications

Specification	ADF615S					
Optical Class:	1/1/1/2					
Viewing Area:	96x40 mm (3.78"x1.57")					
Cartridge Size:	110x90x9 mm (4.33"x3.54"x0.35")					
Arc Sensor:	2					
Light State:	DIN 3.5					
Dark State:	Variable Shade 9 ~ 13					
Shade Control:	External, Variable Shade					
Power On/Off:	Automatic On / Off					
Sensitivity Control:	Low — High, by infinitely dial knob					
UV/IR Protection:	Up to Shade DIN16 at all times					
Power Supply:	Solar cell.					
	No battery change required					
Switching Time:	1/16,000 s. from Light to Dark					
Delay (Dark to Light):	0.1 ~ 1.0 s by infinitely dial knob					
Low Amperage TIG Rated:	\geq 10 amps (DC); \geq 10 amps (AC)					
Grinding:	Yes					
Operating Temp.:	-10 °C ~ +55 °C (14 °F ~ 131 °F)					
Storing Temp.:	-20 °C ~ +70 °C (- 4 °F ~ 158 °F)					
Helmet Material:	High Impact Resistance Nylon					
Total Weight: 440 g						
Approved:	DIN <i>plus</i> , CE, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1					

△ Magnifier Lens Holder







∠ Clear View





ADF Feature Table

Welding Method Model No.	Stick Welding (SMAW)	TIG DC&AC	TIG Pulse DC	TIG Pulse AC	MIG/MAG/ CO2	MIG/MAG Pulse	Plasma Arc Cutting (PAC)	Plasma Arc Welding (PAW)	Air Carbon Arc Cutting (CAC-A)	Oxyfuel Gas Welding (OFW)	Oxygen Cutting (OC)	Grinding
ADF615S	√	√	✓	√	✓	✓	✓	√	√	×	×	✓

No	Part No.	Description
1	CL1159410	Outer Lens P5
2	CL954710	Inner Lens P5
3	WH820.13	Headgear Assembly
N/S	WH820.14	Sweatband P2
4	WH820.19	Hard Hat Attachment
5	WHBAG	Helmet Carry Bag
N/S	WH735.17	Rubber Frame for Lens
N/S	WH735.18	Lens Holder
6	WLMAG100	Magnifier Lens x 1.0
6	WLMAG150	Magnifier Lens x 1.5
6	WLMAG200	Magnifier Lens x 2.0
6	WLMAG250	Magnifier Lens x 2.5





























WH735S Series







Specifications

Specification	ADF735S					
Optical Class:	1/1/1/2					
Viewing Area:	96x53 mm (3.78"x2.09")					
Cartridge Size:	110x90x9 mm (4.33"x3.54"x0.35")					
Arc Sensor:	4					
Light State:	DIN 3.5					
Dark State:	Variable Shade 9 ~ 13					
Shade Control:	External, Variable Shade					
Power On/Off:	Automatic On / Off					
Sensitivity Control:	Low — High, by infinitely dial knob					
UV/IR Protection:	Up to Shade DIN16 at all times					
Power Supply:	Solar cell. Battery replaceable,					
	1 x CR2450 lithium battery					
Switching Time:	1/16,000 s. from Light to Dark					
Delay (Dark to Light):	0.1 ~ 1.0 s by infinitely dial knob					
Low Amperage TIG Rated:	\geq 5 amps (DC); \geq 5 amps (AC)					
Grinding:	Yes					
Battery Capacity Test:	Yes					
Operating Temp.:	-10 °C ~ +55 °C (14 °F ~ 131 °F)					
Storing Temp.:	-20 °C ~ +70 °C (- 4 °F ~ 158 °F)					
Helmet Material:	High Impact Resistance Nylon					
Total Weight:	440 g					
Approved:	DINplus, CE, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1					

△ Magnifier Lens Holder







✓ Clear View





ADF Feature Table

Welding Method	Stick Welding (SMAW)	TIG DC&AC	TIG Pulse DC	TIG Pulse AC	MIG/MAG/ CO2	MIG/MAG Pulse	Plasma Arc Cutting (PAC)	Plasma Arc Welding (PAW)	Air Carbon Arc Cutting (CAC-A)	Oxyfuel Gas Welding (OFW)	Oxygen Cutting (OC)	Grinding
ADF735S	√	√	√	√	√	√	√	√	√	×	×	✓

_		
No	Part No.	Description
1	CL1159410	Outer Lens P5
2	CL965710	Inner Lens P5
3	WH820.13	Headgear Assembly
N/S	WH820.14	Sweatband P2
N/S	WH820.16	Battery CR2450
4	WH820.19	Hard Hat Attachment
5	WHBAG	Helmet Carry Bag
N/S	WH735.17	Rubber Frame for Lens
N/S	WH735.18	Lens Holder
6	WLMAG100	Magnifier Lens x 1.0
6	WLMAG150	Magnifier Lens x 1.5
6	WLMAG200	Magnifier Lens x 2.0
6	WLMAG250	Magnifier Lens x 2.5





































WH800S Series





Specifications

Specification	ADF800S						
Optical Class:	1/1/1/2						
Viewing Area:	97x62 mm (3.82"x2.44")						
Cartridge Size:	133x114x9 mm (5.25"x4.50"x0.35")						
Arc Sensor:	4						
Light State:	DIN 3.5						
Dark State:	Variable Shade 9 ~ 13						
Shade Control:	Internal, Variable Shade						
Power On/Off:	Automatic On / Off						
Sensitivity Control:	Low — High, by infinitely dial knob						
UV/IR Protection:	Up to Shade DIN16 at all times						
Power Supply:	Solar cell. Battery replaceable,						
	2 x CR2450 lithium battery						
Switching Time:	1/25,000 s. from Light to Dark						
Delay (Dark to Light):	0.1 ~ 1.0 s by infinitely dial knob						
Low Amperage TIG Rated:	\geq 2 amps (DC); \geq 2 amps (AC)						
Grinding:	Yes						
Operating Temp.:	-10 °C ~ +55 °C (14 °F ~ 131 °F)						
toring Temp.: -20 °C ~ +70 °C (- 4 °F ~ 158 °F)							
Helmet Material: High Impact Resistance Nylon							
Total Weight:	490 g						
Approved:	DIN <i>plus</i> , CE, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1						

△ Magnifier Lens Holder







∠ Clear View





ADF Feature Table

Welding Method Model No.	Stick Welding (SMAW)	TIG DC&AC	TIG Pulse DC	TIG Pulse AC	MIG/MAG/ CO2	MIG/MAG Pulse	Plasma Arc Cutting (PAC)	Plasma Arc Welding (PAW)	Air Carbon Arc Cutting (CAC-A)	Oxyfuel Gas Welding (OFW)	Oxygen Cutting (OC)	Grinding
ADF800S	√	~	√	√	√	√	√	√	√	×	×	√

No	Part No.	Description
1	CL13311415	Outer Lens P5
2	CL966510	Inner Lens P5
3	WH820.13	Headgear Assembly
N/S	WH820.14	Sweatband P2
N/S	WH820.16	Battery CR2450
4	WH820.19	Hard Hat Attachment
5	WHBAG	Helmet Carry Bag
N/S	WH820.17	Rubber Frame for Lens
N/S	WH820.18	Lens Holder
6	WLMAG100	Magnifier Lens x 1.0
6	WLMAG150	Magnifier Lens x 1.5
6	WLMAG200	Magnifier Lens x 2.0
6	WLMAG250	Magnifier Lens x 2.5





































WH820S Series





Specifications

Specification	ADF820S				
Optical Class:	1/1/1/2				
Viewing Area:	95x85 mm (3.74"x3.35")				
Cartridge Size:	133x114x9 mm (5.25"x4.50"x0.35")				
Arc Sensor:	4				
Light State:	DIN 3.5				
Dark State:	Variable Shade 6 ~ 9 / 9 ~ 13				
Shade Control:	Internal, Variable Shade				
Power On/Off:	Automatic On / Off				
Sensitivity Control:	Low — High, by infinitely dial knob				
UV/IR Protection:	Up to Shade DIN16 at all times				
Power Supply:	Solar cell. Battery replaceable,				
	1 x CR2450 lithium battery				
Switching Time:	1/25,000 s. from Light to Dark				
Delay (Dark to Light):	0.1 ~ 1.0 s by infinitely dial knob				
Low Amperage TIG Rated:	\geq 2 amps (DC); \geq 2 amps (AC)				
Grinding:	Yes				
Operating Temp.:	-10 °C ~ +55 °C (14 °F ~ 131 °F)				
Storing Temp.:	-20 °C ~ +70 °C (- 4 °F ~ 158 °F)				
Helmet Material:	High Impact Resistance Nylon				
Total Weight: 490 g					
Approved:	DIN <i>plus</i> , CE, ANSI Z87.1, CSA Z94.3, AS/NZS 1338.1				

△ Magnifier Lens Holder







∠ Clear View





ADF Feature Table

We Model N	elding Method	Stick Welding (SMAW)	TIG DC&AC	TIG Pulse DC	TIG Pulse AC	MIG/MAG/ CO2	MIG/MAG Pulse	Plasma Arc Cutting (PAC)	Plasma Arc Welding (PAW)	Air Carbon Arc Cutting (CAC-A)	Oxyfuel Gas Welding (OFW)	Oxygen Cutting (OC)	Grinding
Al	DF820S	√	√	√	√	√	√	√	√	√	√	√	√

Part No.	Description
CL13311415	Outer Lens P5
CL948910	Inner Lens P5
WH820.13	Headgear Assembly
WH820.14	Sweatband P2
WH820.16	Battery CR2450
WH820.19	Hard Hat Attachment
WHBAG	Helmet Carry Bag
WH820.17	Rubber Frame for Lens
WH820.18	Lens Holder
WLMAG100	Magnifier Lens x 1.0
WLMAG150	Magnifier Lens x 1.5
WLMAG200	Magnifier Lens x 2.0
WLMAG250	Magnifier Lens x 2.5
	CL13311415 CL948910 WH820.13 WH820.14 WH820.16 WH820.19 WHBAG WH820.17 WH820.18 WLMAG100 WLMAG150 WLMAG200



























Navitek®, the most comprehensive Welding helmet



The Navitek® Airkos® is the most comprehensive welding helmet: offering autodarkening filters with large viewing areas, enabling the welder to have a 160° vision through side polycarbonate, providing an extralarge clear grinding visor beneath the welding Flip Front, while ensuring full respiratory protection.

The Navitek® Airkos® provides of the largest clear vision available on the market.

This clear polycarbonate with excellent optical quality ensures a perfect and wide vision to the operator enabling him/her:

- To work between welding processes with the Flip Front up but the clear visor down, therefore keep active the respiratory protection from the Airkos®.
- To grind with full protection from the B-rated clear polycarbonate.

Combining a grinding visor to a welding flip required more attention for extended ergonomics: the combined visor/Flip ensures full protection to the operator, while keeping a limited volume and weight.

In addition, the longitudinal headgear completes the perfect balance of the Navitek® shell.

Navitek® Airkos® PAPR Welding systems are available	ole in 3 versions:
Navitek® PAPR Welding System with M11 Lens	CR 58M11
Navitek® PAPR Welding System with S4 Lens	CR 58S4
Navitek® PAPR Welding System with S9 Lens	CR 58S9

The resistant headgear associated with the Navitek® Airkos® offers 4 settings: height, width, angle and longitudinal adjustments for welders operating with corrective glasses.

Navitek® Welding systems are also available in 3 versions :						
Navitek® non PAPR Welding System with M11 Lens	GT 58M11					
Navitek® non PAPR Welding System with S4 Lens	GT 58S4					
Navitek® non PAPR Welding System with S9 Lens	GT 58S9					









The Navitek® Airkos® with the S9 lens offers the best of ADF technology, with a large viewing area.

This top of the range ADF offers the possibility to adjust the welding shade from DIN 5 to DIN 13, the level of sensitivity of the 4 arc sensors and the delay to return to the clear shade.

On top of that, these 3 settings are displayed on the digital panel.

All the settings are done through soft-touch knobs, easily accessible even with welding gloves on.

The Navitek® Airkos® with the S4 lens is an alternative offer in ADF technology.

The S4 also offers a smaller viewing area, 4 arc sensors and the possibility to asjust sensitivity, delay, and dark shade, but only from shade DIN 9 to DIN 13.

The last combination available is equipped with a mineral glass instead of an ADF.

With a passive shade DIN 11, the Navitek® M11 provides a large 110x90mm viewing area and an entry-level version of the Navitek® Airkos®.

In all possible combinations, the Navitek® Flip Front is equipped with resistant side polycarbonate in shade DIN 5. These shade DIN 5 side polycarbonates create a 160° vision of the environnement and bring a dual benefit to the operator:

- 1. Total control of close environnement and improved safety
- 2. Less claustrophobia and less fatigue







DIN 11 Dark shade DIN 9-13 DIN 5-13 DIN 4 DIN 4 Clear Shade Switching speed 0,2ms 0,1ms Arc Sensor 110 x 90 mm 3 x 43 mm 00 x 50 mm Viewing area Optical classes 1/1/1/2 1/1/1/2 Technology sted Nematic Twisted Nematic Solar + Batteries Power Solar Digital display No Yes Controls Stepless knobs Tactile Sensitivity Yes Yes Yes Yes Delav No Grinding Yes - EN 175 B Yes - EN 175 B Stick, MIG/MAG, TIG Stick, MIG/MAG, TIG, Pulse arc, Micro-Tig, Grinding, Torch-cutting Applications Stick, MIG/MAG, TIG Grinding Warranty 2 years 2 years EN166B, EN169, EN175B Standards EN166B, EN175B, EN379 EN166B, EN175B, EN379

All Navitek Welding helmets are available with Auto-Darkening Lens S4 or S9 or M11 Passive Lens.





Airkos_®, the powerfull Powered Air Purifying Respiratory (PAPR)



Filtration	PRSL
Leakage	TH2
Airflows	180l/m-220l/m
Clogged filter alarm	Yes- Sound/visual
Low battery alarm	Yes- Sound/visual
Pre-filter	Yes
Autonomy	10h
Battery	Lithium-ion
Hose protection	Yes
Weight	1180g
Warranty	1 year
Standards	EN 12941

The Navitek® is completed with the Airkos® for a full respiratory protection.

Airkos® is a Powered Air Purifying Respiratory (PAPR) unit enabling the operator to weld and grind while breathing purified air through a particulate filter. The operator is informed by 2 separate sound alarms for clogged-filter status and low-battery. Operated on a replaceable and rechargeable Lithium-ion battery, Airkos® is a completly autonomous unit.

The Airkos® provides a filtration of Solid and Liquid Particules (PSL). The bolted face seal to the Kapio® and Navitek® shells ensure a restricted TH2 inward leakage of contaminants inside the hood. The filter used on the Airkos® is classified as «Reusable» (PRSL) and should not be changed at every shift. The filter alarm will inform the operator when to replace it.

The Airkos® is equipped with a pre-filter, preventing larger particules to prematurely clog the PSL filter. The proper maintenance and replacement of the pre-filter greatly extends the life of the main filter

The Airkos® offers 2 air flows, based on the welding application, the environment, and the operator's habits. 180l/m is the initial minimum speed. With a simple pressure on the single control knob, the Airkos® increases the airflow to 220 l/m.

The Airkos® is locked on a large and padded belt for excellent confort and balance. An optional harness is available, completing the existing belt and switching the weight towards the shoulders.

All Navitek® Airkos® combination are delivered with a storage bag.

- 160° Vision
- 2 Dual Airflow
- 3 Filter alarm
- Battery Alarm
- Optional HD 16 Hour battery
- Pre-filter
- Filter
- 8 Optional Carbon pre Filter

Grinding & Cutting Helmets

Navitek® Visors





Navitek® Clear Visor with Airkos® PAPR System Shown

Navitek® Clear Visor

The Navitek® Clear Visor is based on the standard large clear visor for perfect vision during grinding. The Navitek shell and all its polycarbonates are certified for grinding with the specific standards EN166B and EN 175B.

Navitek® Grinding Clear Visor are availble in 2 versions :

Navitek® Grinding Clear Visor without Black Airkos® PAPR System
Navitek® Grinding Clear Visor with Black Airkos® PAPR System
CRBK 7700
CRBK 7700

Navitek® Clear Visor, the largest Grinding visor





Navitek® Visor DIN5 with Airkos® PAPR System Shown

Navitek® Visor DIN5

The cutting version of the Airkos Black combines the clear visor fit for grinding applications, to a larger shade DIN5 visor fit for any torch-cutting and plasma-cutting applications, as well as brasing.

The resulting shade DIN5 vision is the one of the largest on the market.

Navitek® Visor DIN 5 Cutting & Grinding are available in 2 versions:

Navitek® Visor DIN 5 Cutting & Grinding without Black Airkos® PAPR System

Navitek® Visor DIN 5 Cutting & Grinding with Black Airkos® PAPR System

CRBK 7705

Navitek® Visor DIN5, the best Grinding and Cutting combination





Airkos® Black : efficient respiratory protection for occasional Cutting and Grinding helmet

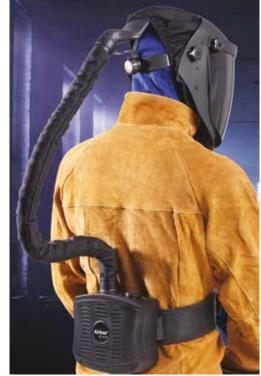


Airkos® Black is a simplified Powered Air Purifying Respiratory (PAPR) unit enabling the operator to weld, grind or cut while breathing purified air through a particulate filter, with a 4-hour operating time. The Airkos® Black provides the same filtration of Solid and Liquid Particules (PSL) as the Airkos®.

This basic unit is equipped with an electronic regulation offering a steady airflow. With a simple pressure on the single control knob, the Airkos® Black offers a regulated airflow of 180 l/m in the headtop. The unit will electronically adjust the airflow depending on the filter status in order to always ensure 180 l/m.

Airkos® Black is also equipped with sound and visual alarms for clogged-filter and low-battery.

Filtration	PRSL
Leakage	TH2
Airflows	180l/m
Clogged filter alarm	Yes - Sound/visual
Low battery alarm	Yes - Sound/visual
Battery	Lithium - ion
Autonomy	4h
Weight (unit + battery + belt + filter)	1090g
Warranty	1 year
Standards	EN 12941



Welding, Grinding & Cutting Helmets

Spare parts and exploded views







Airkos® Black



17 CR 7023 18 CR 7002 CR 7050 CR 7060 CR 7070 CR 7004 CR 7003 CR 7024 CR 7084 CR 7086 CR 7083 CR 7010 CR 7012 AX 1101 CR 7025 CR 7034 AX 1140 CR 7022 CR 7023

CR 7002

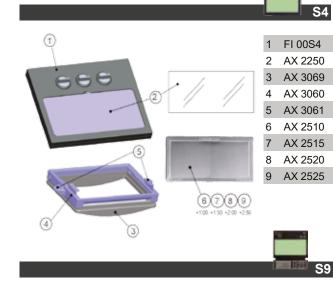






19

AX 3436





FI 00S9

9 AX 2515 10 AX 2520

11 AX 2525

Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
ArcOne®	Cobra	Outer/Inner	110x90mm	EPEAOPCP1/ P7.CL11090.10	CL11090-5	
Acones	Viper	Outer/Inner	133x114mm	EPEAOPCP2/ P7.CL133114.10	CL133114-5	- W
	AutoTracker/ Switch/ MultiProcess	Outer	180x115mm	5000-211/ P7.CLOPS.5	CL180115-5	
	Switch	Inner	107x51mm	5000-328/ P7.CL10751.5	CL10751-5	
	MultiProcess	Inner	107x54mm	P7.CL10751.5	CL10754-5	2
BOC®/ WeldGuard®	AutoChange	Outer	110x98mm	WG4700/ P7.CL11098.10	CL11098-5	ō 98
	Autoriunge	Inner	103x47mm	WG4701H/ P7.CL10347.5	CL10347-5	103
	Galaxy	Inner/Outer	107x51mm	P7.CL10751.5	CL10751-5	,
	Callary	Grinding Visor	108x68mm	P7.CL10868.5	CL10868-5	198
	Top Dog	Outer	120x98mm	700228/ P7.CLTD.10	CL12098-5	120
	.op zog	Inner	95x51mm	700229/ P7.CL9551.5	CL9551-5	95
	Blaze/ Graphite/ Urban/ Street	Outer	120x98mm	700228/ P7.CLTD.10	CL12098-5	
Boss® / BossSafe®	Side Graphics orbani direct	Inner	103x69mm	700235/ P7.CL11369.5	CL10369-5	128
Leave . Loudound	Mega-View Series	Outer	133x114mm	700320/ P7.CL113114.10	CL133114-5	114
		Inner	104x96mm	700321	CL10496-5	25
	Speedy	Outer	115x87mm	700340	CL11587-5	113
	1, 175	Inner	103x53mm	700342/ P7.CL10353.10	CL10353-5	103

- Lenses available to suit almost any common brand/model of helmet
- Massive Range + Easy Find Selection Chart
- High Quality Impact Resistant Material for Safety & Peace of Mind
- Selected Lens have extra Heat &/or Scratch resistant properties
- Selected Lens Tested and Comply to AS1337 &/or AS1337.1





Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
		Outer	115x94mm	CL1159410	CL11594-5	
	WH615S	Inner	95x47mm	CL954710	CL9547-5	3 tp
	WH735S	Outer	115x94mm	CL1159410	CL11594-5	115
	WH/355	Inner	96x57mm	CL965710	CL9657-5	35
	WH720S	Outer	114x100mm	CL11410015	CL114100-5	110
	WH/205	Inner	95x47mm	CL954710	CL9547-5	95
ClearWelding®	Mulana	Outer	133x114mm	CL13311415/ P7.CL133114.10	CL133114-5	
	WH800S	Inner	97X65mm	CL966510/ WC.05156	CL9765-5	97
	Musico	Outer	133x114mm	CL13311415/ CL133114.10	CL133114-5	
	WH815S	Inner	97X65mm	CL966510/ WC.05156	CL9765-5	97
		Outer	133x114mm	CL13311415/ P7.CL133114.10	CL133114-5	
	WH820S	Inner	94x89mm	CL948910/ P7.CL9489.5	CL9489-5	94
	Weldskill	Outer	114x89mm	454308/ P7.CLCWS.10	CL11489-5	
	vveidskiii	Inner	105x46mm	454309/ P7.CL10546.5	CL10546-5	105
	ProPlus+	Outer	133x114mm	454356/ P7.CL133114.10	CL133114-5	114
CIC®		Inner	97x65mm	454357/ P7.CL9765.10	CL9765-5	97
CIGE	CIG®	Outer	123x98mm	454329/ WC.05157	CL12398-5	12 to 10 to
	Prolite	Inner	97x65mm	454328/ WC.05156	CL9765-5	97
		Outer	110x180mm	454298/ P7.CLCAP.10	CL110180-5	
	Arcmaster Pro	Inner	107.8x51mm	454299/ P7.CL10751.5	CL10751-5	107



Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
	New Tech C 42 VI ADC Dive	Outer	110x90mm	700000139/ P7.CL11090.10	CL11090-5	
	New Tech 6-13 XL ADC Plus	Inner	107x71mm	700000268/ KC.J9932	CL10771-5	110 8
Esab®	New Tech 9-13 ADC Plus	Outer	110x90mm	700000139/ P7.CL11090.10	CL11090-5	110
ESAD®	New Teeli 9-13 ADC Flus	Inner	107x51mm	700000228/ P7.CL10751.5	CL10751-5	\$ 107 34
	Aristo Tech	Outer	115x95mm	700000010/ P7.CL11595.10	CL11595-5	115
	Alisto Tech	Inner	107x51mm	700000371/ P7.CL10751.5	CL10751-5	3 (07
	Vizor Series	Outer	180x115mm	42.0510.0024/ P7.CLOPS.5	CL180115-5	
	Vizor 1000	Inner	107x51mm	42.0510.0019/ P7.CL10751.5	CL10751-5	2
Fronius®	Vizor 3000	Inner	107x54mm	42.0510.0092/ P7.CL10754.5	CL10754-5	.12 3.
	Fazor 1000	Outer	137x126mm	42.0510.0112/ WC.05056	CL137126-5	
	1 4251 1000	Inner	107x54mm	42.0510.0092/ P7.CL10754.5	CL10754-5	2 2
	LV/LVD/XLV Series	Outer	133x114mm	51103/ CL133114-5	CL133114-5	97
	LV/LVD	Inner	97X65mm	51105/ CL9765-5	CL9765-5	33
	XLV	Inner	94x89mm	50337/ CL9489-5	CL9489-5	54
	Flip	Outer	110X90mm	CL11090-5	CL11090-5	110
FabGear®/ FabSHEILD®		Inner	103x53mm	CL10353-5	CL10353-5	S 23
	Chromium	Outer	120x104mm	CL120104-5	CL120104-5	100
	Cinolinali	Inner	103x53mm	CL10353-5	CL10353-5	8 (4
	Magnesium	Outer	116X104mm	CL116104-5	CL116104-5	
	Magnesium	Inner	106X58mm	CL10658-5	CL10658-5	occuracies, errors or omissions in this document or



Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
FabGear®/ FabSHEILD®	Vanadium	Outer	133x114mm	CL133114-5	CL133114-5	114
rabgeare/ rabsheilde	vanadium	Inner	107x95mm	CL10795-5	CL10795-5	E 197
Jackson® (Balder®)	WH70 /PH2) CDC	Outer	141x126mm	KC.J9931/ P7.CLBD3.10	CL141126-5	M1
Jacksono (Baluero)	WH70 (BH3) GDS	Inner	107x71mm	KC.J99352/ P7.CL10771.10	CL10771-5	E 107
	Beta 60	Outer	110x60mm	9873252/ P7.CL11060.10	CL11060-5	110
		Grinding Visor	110x90x1.5mm	9873254/ P7.CL1109015.10	CL1109015-5	8 9
Kemppi®	Beta 90	Outer	110x90x1.0mm	9873253/ P7.CL11090.10	CL11090-5	110
Тетрр е		Grinding Visor	110x90x1.5mm	9873254/ P7.CL1109015.10	CL1109015-5	8
		Inner-Beta 90A	110x90x1.0mm	9873253/ P7.CL11090.10	CL11090-5	110
		Inner-Beta 90X	107x51mm	9873251/ P7.CL10751.5	CL10751-5	\$ 50
	Viking 700G/ Power Craft	Outer	112x91mm	KP2913-1/ 94006943-1/ P7.CL11291.10	CL11291-5	91
	Viking 1000/1 Graft	Inner	95x51mm	KP2897-1/ 94006943-3/ P7.CL9551.5	CL9551-5	95
Lincoln®/ LiquidArc®/	Viking 3350 Series	Outer	133x114mm	KP2898-1/ P7.CL133114.10	CL133114-5	
PowerCraft®	Viking Good Scried	Inner	94x89mm	KP3044-1/ P7.CL9489.5	CL9489-5	S S
	Dominator	Outer	122x102mm	LA.EH913-3P/ P7.CLM2.10	CL122102-5	
		Inner	107x51mm	LA.EH913-4P/ P7.CL10751.5	CL10751-5	22 37
		Outer	145x120mm	216326P/ P7.CLME.10	CL145120-5	W
Miller®	Elite, Titanium 9400/9400i	Inner	106x63mm	216327P/ P7.CL10663.5	CL10663-5	106
		Grinding Visor		245818		



Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
	5.4	Outer	112x126mm	231921P/ P7.CLMPF.10	CL112126-5	
	Performance	Inner	107x51mm	770237P/ P7.CL10751.5	CL10751-5	155
		Outer	115x95mm	231411P/ P7.CL11595.10	CL11595-5	
	Pro-Hobby/ FS10	Inner	107x51mm	770237P/ P7.CL10751.5	CL10751-5	3. IOT
Miller® (Continued)		Inner (Early)	107x44mm	231410P/ P7.CL10744.5	CL10744-5	107
	Flame & XLi	Outer	114x86mm	770240P/ P7.CL11486.10	CL11486-5	
	Fidnic & AE	Inner	107x51mm	770237P/ P7.CL10751.5	CL10751-5	114 26 27
	XLix	Outer	116x96mm	770241P/ P7.CLMXL.10	CL11696-5	
	ALIA	Inner	107x51mm	770237P/ P7.CL10751.5	CL10751-5	22 107
NuWeld®	NWH3005	Outer	117x87mm	NWHOL/ P7.CL11787.10	CL11787-5	
- Haveday	NATIOS CO	Inner	94x45mm	NWHIL2/ P7.CL9445.5	CL9445-5	117 51 VP
	Satellite/ Orion/ Mira/ Plus/ OS100	Outer	180x115mm	5000.210/ 5000.212/ P7.CLOP5.5	CL180115-5	
	P500 Series	Outer	137x126mm	5000.250/ 5001.250/ WC.05056	CL137126-5	
	E640/ OSC/ Satellite/ Orion/ Miraplus	Inner	107x51mm	5000.300/ P7.CL10751.5	CL10751-5	35
Optrel® (Sperian®)	E650, E670, P550, P530	Inner	107x54mm	5000.001/ P7.CL10754.5	CL10754-5	107
	Galaxy	Inner/ Outer	107x51mm	5000.227/ P7.CL10751.5	CL10751-5	167 36
		Grinding Visor	108x68mm	5000.226/ P7.CL10868.5	CL10868-5	110
	OSC/ Twisty/ Mira (Old Models)	Outer	110x86mm	5000.105/ P7.CL11086.10	CL11086-5	3 3

- Lenses available to suit almost any common brand/model of helmet
- Massive Range + Easy Find Selection Chart
- High Quality Impact Resistant Material for Safety & Peace of Mind
- Selected Lens Tested and Comply to AS1337 &/or AS1337.1





Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
	RXH100F	Outer	117x87mm	NWHOL/ P7.CL11787.10	CL11787-5	117
B		Inner	90x42mm	NWHIL1/ P7.CL9042.5	CL9042-5	90
Ross®	5,44,000	Outer	117x87mm	NWHOL/ P7.CL11787.10	CL11787-5	
	RXH300S	Inner	94x45mm	NWHIL2/ P7.CL9445.5	CL9445-5	94 \$\psi\$
	SV4000/ ArcDefender/ ArcProtector	Outer	120x85mm	AD/ APFCL/ P7.CL12085.10	CL12085-5	
	3V4000/ Archerence/ Architector	Inner	109x47mm	AD/ APICL/ P7.CL10947.5	CL10947-5	130
Servore®/ ServoGlas®		Outer	117x95mm	ALFCL/ P7.CL11795.10	CL11795-5	
	SV5000 Auto-Lift	Inner	107x51mm	ALICL/ P7.CL10751.5	CL10751-5	117 107 72
		Grinding Visor	268x89mm	ALIPL/ P7.CLSV5GV.10	CL26889-5	Al.
		Outer	162x97mm	426000 /420150/ 427000/ 420100/ P7.CLSG9.10	CL16297-5	
	9000/9002 /Utility	Inner U/F/V	90x42mm	428000/ 420200/ P7.CL9042.5	CL9042-5	90 9
		Inner X	103x53mm	428010/ 420210/ P7.CL10353.5	CL10353-5	103
	9000 Flex-View	Grinding Visor	126x100mm	423000/ 4230005/ P7.CLSG9FV.10	CL126100-5	
	100 series	Outer	148x86mm	776000/ 777000/ P7.CLSG1.10	CL14886-5	
Speedglas® (3M®)		Inner	90x42mm	428000/ 420210/ P7.CL9042.5	CL9042-5	90
		Outer	155x96mm	526000 /527000/ P7.CLSG91.10	CL15596-5	
	9100 series	Inner 9100V	117x50mm	528005/ P7.CL11750.5	CL11750-5	
	9100 series	Inner 9100X	117x61mm	528015/ P7.CL11761.5	CL11761-5	3
		Inner 9100XX	117x77mm	528025/ P7.CL11777.5	CL11777-5	, , , , , , , , , , , , , , , , , , ,
	9100-FX	Grinding Visor	225x110mm	523000/ P7.CLSG91FXV.5	CL225110-5	The second of th



Reference Chart



Helmet Brand	Helmet Model	Loro Trees	Lens Dimensions	Cross Reference	Part No.	Shane
Heimet Brand	Heimet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
	NTADF100F	Outer	110x90mm	NTADF100F/SG/ P7.CL11090.10	CL11090-5	10
	NTADF700S	Outer	110x90mm	NTADF700S/SG/ P7.CL11090.10	CL11090-5	2
	NIADI 7003	Inner	95x51mm	NTADF700S/IG/ P7.CL9551.5	CL9551-5	95
	TM1	Outer	118X108mm	FCTM0101	CL118108-5	15 90
	тмз	Outer	110X90mm	FCTM0301	CL11090-5	
	TM5	Outer	133X114mm	FCTM0501	CL133114-5	
	TM6	Outer	131X113mm	FCTM0600	CL131113-5	114
	тм7	Outer	133X114mm	FCTM0501	CL133114-5	
	TM8	Outer	112x91mm	FCTM0801	CL11291-5	9)
T	тмэ	Outer	112x91mm	FCTM0801	CL11291-5	2
Tecmen®	ТМ15	Outer	115X94mm	FCTM1500	CL11594-5	
	TM16	Outer	133X114mm	FCTM0501	CL133114-5	E 115
	TM17	Outer	114X100mm	FCTM1000	CL114100-5	
	TM18	Outer	133X114mm	FCTM1800	CL133114-5	114 116 116 ±
	ADF200F	Inner	96X52mm ICTM200F	ICTM200F	CL9652-5	
	ADF600S	Inner	95X47mm	ICTM200F	CL9547-5	95
	ADF615S	Inner	95X47mm	ICTM200F	CL9547-5	95
	ADF720S	Inner	95X47mm	ICTM200F	CL9547-5	95
	ADF725S	Inner	95X47mm	ICTM200F	CL9547-5	95 Q
	ADF735S	Inner	96X57mm	ICTM735S01	CL9657-5	occuracies, errors or omissions in this document or



Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
	ADF700S	Inner	95X51mm	ICTM700S00	CL9551-5	95
	ADF900S	Inner	95X51mm	ICTM700S00	CL9551-5	95
	ADF730S	Inner	95X67mm	ICTM730S00	CL9567-5	7,
Tecmen® (Continued)	ADF800S	Inner	97x65mm	ICTM800S01	CL9765-5	97
	ADF815S	Inner	97x65mm	ICTM800S01	CL9765-5	97
	ADF830S	Inner	97x65mm	ICTM800S01	CL9765-5	97
	ADF820S	Inner	94x89mm	ICTN820S00	CL9489-5	
	RazorWeld XA-5001/XA-5002	Outer	133x114mm	UMRBOP/ P7.CL133114.10	CL133114-5	
	Razulweid AA-500 II/AA-5002	Inner	106x65mm	UMRBIP/ P7.CL10665.5	CL10665-5	E (06
	"UM"/XA-1001 series	Outer	110x90mm	UMOP/ P7.CL11090.10	CL11090-5	
	OM 770 Floor School	Inner	103x47mm	UMIP/ P7.10347.5	CL10347-5	103
Unimig®		Outer	117x95mm	UMLOP/ P7.CL11795.10	CL11795-5	5
	Flame 5000x Auto-Lift	Inner	107x51mm	UMLIP/ P7.CL10751.5	CL10751-5	107
		Grinding Visor	268x89mm	UMLPL/ P7.CLSV5GV.10	CL26889-5	
	Wide-View Aust Flag (Old Model)	Outer	133x114mm	UMAOP/ P7.CL133114.10	CL133114-5	
	wide view radit hag (old wideel)	Inner	106x63mm	UMAIP/ P7.CL10663.5	CL10663-5	E 106
	Promax 300/Mach 3	Outer	133 x 114mm	P7.CL133114.10	CL133114-5	114
	FIUIHAX SUU/MBCH S	Inner	107 x54mm	P7.CL10751.5	CL10754-5	3
WeldClass®	Promov 400	Outer	110X90mm	P7.CL11090.10	CL11090-5	
	Promax 400	Inner	107X51mm	P7.CL10751.5	CL10751-5	107



Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
WeldClass® (Continued)	Platinum 600/Mach 6	Outer	133X114mm	P7.CL133114.10	CL133144-5	11
		Inner	106X63mm	P7.CL10663.5	CL10663-5	9
	Mach 4 (Old model)	Outer	122X115mm	P7.CL122115.10	CL122115-5	
		Inner	107X51mm	P7.CL10751.5	CL10751-5	167 36
	Solarace (Old model)	Outer	110X90mm	P7.CL11090.10	CL11090-5	5 90
		Inner	103X47mm	P7-SAIL5/ P7.CL10347.5	CL10347-5	- 103
	Mach 2 (Old model)	Outer	122x102mm	P7-M20L10/ P7.CLM2.10	CL122102-2	
		Inner	107x51mm	P7-C21L5/ P7.CL10751.5	CL10751-5	122 26 27
Weldmaster®	Weldview WH1000	Outer	110x90mm	WH1000-ECL/ P7.CL11090.10	CL11090-5	
		Inner	96x47mm	WH1000-ICL/ P7.CL9647.5	CL9647-5	96
	Weldview "Aussie Blue"	Outer	112x91mm	WH1000AB-ECL/ P7.CL11291.10	CL11291-5	
		Inner	95x51mm	WH1000AB-IL/ P7.CL9551.5	CL9551-5	95
	Weldview WH720S	Outer	118x108mm	WH720S-3/ P7.CL118108.10	CL118108-5	
		Inner	98x45mm	WH720S-5/ P7.CL9845.5	CL9845-5	98
	Weldview WH820S	Outer	133X114mm	P7.CL133114.10	CL133114-5	
		Inner	94x89mm	P7.CL9489.5	CL9489-5	94
	Solar-Storm	Outer	110x90mm	P7.CL11090.10	CL11090-5	5 90
	(WH2000)	Inner	107x51mm	P7.CL10751.5	CL10751-5	167
WIA®	WIA Blue	Outer	122x102mm	235621P/ P7.CLM2.10	CL122102-5	
		Inner	107x51mm	770237P/ P7.CL10751.5	CL10751-5	accuracies, errors or omissions in this document or



Reference Chart



Helmet Brand	Helmet Model	Lens Type	Lens Dimensions	Cross Reference	Part No.	Shape
WelTek®	Kapio / Navitek S2	Outer	110x97mm	AX4000	AX4000	
	Kapio/Navitek S2	Inner	94.5x40mm	AX2240	AX2240	94.5 P
	Kapio/Navitek S4	Inner	98x41mm	AX2250	AX2250	79
	Kapio/Navitek S9	Inner	105x53mm	AX2260	AX2260	165
	Navitek	Clear Visor		AX3415	AX3415	
	Navitek	Shade 5 Visor		AX3435	AX3435	
Unclassified			95X47mm		CL9547-5	
			104x53mm		CL10453-5	
			105x50mm		CL10550-5	
			107x52mm		CL10752-5	
			108x51mm		CL10851-5	
			107x85mm		CL10785-5	
			107x87mm		CL10787-5	
			107x66mm		CL10766-5	197
			110x110mm		CL110110-5	
			117x72mm		CL11772-5	117
		GL1008A	106x113mm		CL106113-5	2
		GL1017A	105x69mm		CL10569-5	
		GL1030A	105x92mm		CL10592-5	
		WH06	117x100mm		CL117100-5	

- · Lenses available to suit almost any common brand/model of helmet
- Massive Range + Easy Find Selection Chart
- High Quality Impact Resistant Material for Safety & Peace of Mind
- Selected Lens have extra Heat &/or Scratch resistant properties
- Selected Lens Tested and Comply to AS1337 &/or AS1337.1
- Selected Lens comply to CE 1B Z87 / CSA Z94.3-07









WeldTronic

Weldtronic International P/L

A.B.N 93 007 242 355 P.O Box 2096 Rowville Victoria 3178 Australia Tel. +613 9702 9366 Fax. +613 9702 9766 E. sales@weldtronic.com.au W. www.weldtronic.com.au