

## Welding Helmets (Auto Darkening)

Auto darkening welding helmets are triggered automatically by UV light sources. Some models have adjustable sensitivity for various light conditions and an adjustable delay setting to maintain dark state for extended periods of time. Fixed shade helmets offer a fixed #10 shade triggered automatically by UV light. Clear shade provides operator visibility to line up work prior to welding.



EFPGREENSKL



EFPBLACKICE



EFP2MORBID



YA4601

Specifications	EFPGREENSKL	EFPBLACKICE	EFP2MORBID	YA4601
Shade	#9-13	#9-13	#9-13	#9-13
Sensitivity	Yes	Yes	Yes	Adjustable
Delay	Yes	Yes	Yes	Adjustable
Clear Shade	4	4	4	#3.5
Viewing Area (in)	3.62 x 1.42	3.62 x 1.42	3.82 x 1.85	3.81 x 2.40
Viewing Area (in?)	23	23	40	9.14
Number of Sensors	2	2	4	4
Delay Time(s)	Adjustable	Adjustable	Adjustable	0.2-1.0
Switching Speed (ms)	.3	.3	.08	0.04
Power Supply	CR2450 Replaceable	CR2450 Replaceable	Lithium Ion (Auto On/Off)	Solar-Lithium
Applicable Standards	CE, CSA®, ANSI®	CE, CSA®, ANSI®	CE, CSA®, ANSI®	ANSI®, CE, DIN, EN, CSA®, AS/NZS
Optional Magnifying Lens	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	YA4600MAGKT
Warranty	2 Year (ADF) 1 Year (all others)	2 Year (ADF) 1 Year (all others)	2 Year (ADF) 1 Year (all others)	2 Year



YA4606



YA4608



YA4609



YA4610



YA4611



YA4612



YA4613

Specifications	YA4606	YA4608	YA4609	YA4610	YA4611	YA4612	YA4613
Shade	Auto Darkening 5-8 / 9-13	Auto Darkening 5-8 / 4-13 Digital Controls	Auto Darkening 5-8 / 4-13	Auto Darkening #9-13 External Control	Auto Darkening 5-8 / 9-13 Digital Controls	Auto Darkening 5-8 / 9-13	Auto Darkening 5-8 / 9-13
Sensitivity	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob
Delay	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob	—	—	Adjustable Knob
Clear Shade	#3.5	#3.5	#3.5	#3.5	#3.5	#3.5	#3.5
Viewing Area	3.74 x 3.35	3.82 x 2.44	3.74 x 3.35	3.86 x 1.73	3.81 x 2.40	3.74 x 3.35	3.74 x 3.35
Viewing Area 2	12.53	9.32	12.53	9.14	9.32	12.53	12.53
Number of Sensors	4	4	4	2	4	4	4
Delay Time(s)	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0
Switching Speed (ms)	1/25,000	1/25,000	1/25,000	1/16,000	1/25,000	1/25,000	1/25,000
Power Supply	Solar Cell, Battery Replaceable (2xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell + Battery Replaceable (2* AAA Alkaline)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)
Applicable Standards	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA® Approval	ANSI®, CE, CSA® Approval
Optional Magnifying Lens	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT
Warranty	2 Years	3 Years	2 Years	1 Year	3 Years	2 Years	2 Years



- Wear welding helmet and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4

## WELDING HELMETS

### Welding Helmets (Fixed Shade)

- Made of nylon material
- Helmet is much more flexible to get into tighter spaces
- Additional 1-1/4" of material on top of helmet for more coverage
- Cooler for the user as it will not heat up as much as ABS version
- Lighter weight and much more resistant to heat
- CE-English only



EFPBONEHEDB



EFPDISORDER



EFPSKULLMIX



EFPHANNIBALB



YA4603



YA4605

Specifications	EFPBONEHEDB	EFPDISORDER	EFPSKULLMIX	EFPHANNIBALB	YA4603	YA4605
Lens Style	180° Peripheral	180° Peripheral	180° Peripheral	180° Peripheral	—	—
Shade	#10	#10	#10	#10	#10	Fixed Shade
Viewing Area (in <sup>2</sup> )	35.6	35.6	35.6	35.6	5.26	9.14
Applicable Standards	ANSI®	ANSI®	ANSI®	ANSI®	ANSI®, CE, DIN, EN, CSA®, AS/NZS	ANSI®, CE, CSA®
Lens (included)	EFPCLLENSREP	EFPCLLENSREP	EFPCLLENSREP	EFPCLLENSREP	—	—
Opt. Magnifying Lens 1.0x	EFPADFCHTR10	EFPADFCHTR10	EFPADFCHTR10	EFPADFCHTR10	—	—
Opt. Magnifying Lens 1.5x	EFPADFCHTR15	EFPADFCHTR15	EFPADFCHTR15	EFPADFCHTR15	—	—
Opt. Magnifying Lens 2.0x	EFPADFCHTR20	EFPADFCHTR20	EFPADFCHTR20	EFPADFCHTR20	—	—
Opt. Magnifying Lens 2.5x	EFPADFCHTR25	EFPADFCHTR25	EFPADFCHTR25	EFPADFCHTR25	—	—
Opt. Auto Darkening Lens	EFPADFLENSA	EFPADFLENSA	EFPADFLENSA	EFPADFLENSA	—	—
Shield Included	Clear and #10 Welding	—	—			
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year	—
Replacement Shields	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	—	—

## WELDING ACCESSORIES



EFPADFLENSA

### EFP Series Welding Lenses

Optional auto darkening lens available for all EFP series helmets

#### EFPADFLENSA Auto Darkening Lens

- The world's first and only unobstructed ADF integrated, 180° peripheral vision ADF welding lens
- Has a military grade anti-scratch coating to help prevent scratching
- ADF Lens is easily replaced
- Viewing Area: 4-1/4 x 2"
- Power supply: solar lithium combo
- One year warranty

### Magnifying Lens YA4600MAGKT

#### Magnifying Lens Kit

- Comes complete with 1.5X and 2.0X magnifying lenses and lens holder
- Optional accessory provides additional magnification for YA series



YA4600MAGKT



WCH3

### Welding Hammers WCH3 11" Welder's Chipping Hammer (Blue-Point®)

- Features pick end and 3/4" chisel head end
- Heat treated high alloy steel for long life
- Overall length is 11"
- Head length is 7-1/2"



YA247

### Welder's Marking Set

#### YA247 2 pc Welder's Marking Set (Blue-Point®)

- Includes YA247-2 Soapstone marker for making temporary markings and YA247 Scribe with a sharp, tough carbide tip for making permanent markings
- Replaceable soapstone
- Each tool has a tough aluminum barrel
- Soapstone marker includes built-in sharpener
- Convenient storage pouch

## C-Clamps

- Equipped with antispatter spindles, precision cut from hardened steel
- Forged frames have extra deep throats for additional strength and work capacity
- Grooved anvil, in combination with a serrated pad, provides nonslip grip on various metal surfaces
- Spindles, handles and pads are copper plated to avoid collecting spatter

Stock No.	Capacity, inches	Throat Depth, inches
CL402A	0-2	2
CL403A	0-3	2-1/2
CL404A	0-4	2-7/8
CL406A	0-6	3-5/8
CL408A	0-8	4-1/2
CL410A	2-10	5-5/8
CL412A	2-12	5-3/4



CL402A

## Large Jaw

- Multi purpose tool with larger jaw capacity for general maintenance and screw in oil filter removal

Stock No.	Dimension A, Jaw Cap., inches (mm)	Dimension B, Length, inches (mm)
VGP12212	3-15/16 (100)	12 (300)



VGP12212

## High Visibility C-Clamps

- Similar to CL series C-clamps
- High-visibility models conform to OSHA safety color standard for physical hazards regulation #19110.144
- 3/4" spindle diameter

Stock No.	Capacity, inches	Throat Depth, inches
CL404VIS	0-4-1/2	3-1/4
CL406VIS	0-6-1/16	3-5/8
CL408VIS	0-8-1/4	5



CL404VIS

## Auto Body/Welding Sets

### VGP104 Autobody/Welding Locking Pliers Set (Blue-Point®)

- Includes VGP23312 self-leveling jaws pliers, VGP13709 plugweld pliers plus VGP14412 and VGP12406 c-clamp pliers (4 pc) in VGP1041 kit bag



VGP104



VGP12412



VGP22418

## Locking C-Clamps/Standard Tip

- Quick and easy handling clamps for auto body and metal fabrication applications

Stock No.	A inches (mm)	B inches (mm)
VGP12406	2-5/16 (60)	6 (152.4)
VGP12412	3-15/16 (100)	12 (304.7)
VGP12418	10-1/4 (260)	18 (457.2)
VGP12424	15-11/16 (400)	24 (609.6)

## Locking C-Clamps/Swivel Tip

Stock No.	A inches (mm)	B inches (mm)
VGP22406	1-15/16 (50)	6 (152.4)
VGP22412	3-15/16 (100)	12 (304.7)
VGP22418	9-7/16 (240)	18 (457.2)
VGP22424	15-11/16 (400)	24 (609.6)



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- Read safety precautions on pages W1 to W4

## WELDING CLAMPS



VGP23312

### Locking Clamps/Self Leveling Jaws

#### VGP23312 Locking Clamps/Self Leveling Jaws (Blue-Point®)

- Swivel pads and narrow jaw profile firmly grip tapered surfaces in areas where c-clamps cannot fit



VGP14412

### Locking C-Clamps/Aluminum Alloy

#### VGP14412 Locking C-Clamps/Aluminum Alloy (Blue-Point®)

- Lightweight aluminum jaw will not bend or distort body panels
- Welding pellets will not adhere to jaw



VGP12509

### Locking U-Clamps

#### VGP12509 Locking U-Clamps (Blue-Point®)

- U-shaped jaws allow access and visibility when welding



VGP13420

### Locking C-Clamps/Long Reach

#### VGP13420 Locking C-Clamps/Long Reach (Blue-Point®)

- Wide profile with perforated jaws allows clamping around large objects with uniform tension distribution



VGP13709

### Locking Pliers/Plugweld

#### VGP13709 Locking Pliers/Plugweld (Blue-Point®)

- Copper alloy knurled pad prevents burn-thru when plug welding thin sheet metal



VGP12808

### Locking Clamps/Sheet Metal

#### VGP12808 Locking Clamps/Sheet Metal (Blue-Point®)

- Wide jaws allow clamping, bending, forming and crimping of sheet metal without gripping effort



MG2000K

### Welding Clamps/Miniature

- Micro size for optimal access into confined spaces
- Aluminum alloy body ensures robustness with minimal weight while resisting splatter and corrosion
- Design permits exertion of 1/2 ton of force without deformation
- Perforated jaw allows attachment to fixtures and connection of ground cables
- One handed “no pinch” clamping and release
- Micro-size for optimal access into confined spaces
- Aluminum alloy body ensures robustness with minimal weight while resisting splatter and corrosion
- Design permits exertion of 1/2 ton of force without deformation
- Perforated jaw allows attachment to fixtures and connection of ground cables
- One handed “NO PINCH” clamping and release

#### MG2000K Micro Grip Locking Clamp Set (Blue-Point®)

- Includes four micro grip clamps