

# BETA

BETTER VISIBILITY, BETTER WELDING PROTECTION





## BETA



### BETTER VISIBILITY, BETTER WELDING PROTECTION

Designed for professional welders and certified to EN175 B for welding, grinding and cutting processes, new improved Beta e series welding helmet range includes three models equipped with either passive or auto-darkening lenses. All Beta e series models provide superb, lightweight eye and face protection. Their shell construction is both lightweight and strong, featuring a comfort headband, GapView flip lens function, and magnifying lens frame.

Beta e90X is the top model of the Beta welding helmet range. It is equipped with an XA 47 ADF welding filter featuring LiFE+ Color optics to improve work accuracy, reduce eye fatigue and protect your sight. The flip-up welding lens cassette holder provides three fixed positions: fully closed, fully open, or the convenient GapView position, setting a limited clear view of the work area, which is ideal for setting and tack welding tasks.

Beta e90 welding helmet series contain models equipped with an auto-darkening or a passive welding filter. These welding helmets offer great value and reliable, lightweight welding protection for professional welders and fabricators.



## KEY BENEFITS



### EXTRA PROTECTION AND COMFORT

Beta e series welding helmets offer high levels of personal protection featuring deep cut shell designs which ensure additional face and neck protection.



### BETTER EYE PROTECTION

Beta e series welding helmets provide excellent optical qualities, protecting your eyes and ensuring superb work site views, improving work accuracy and reducing eye fatigue.



### SUITABLE FOR MULTIPLE USE

Premium protection for welding, grinding and cutting processes

---

## BENEFITS

- Suitable for MIG/MAG, TIG, MMA, plasma, cutting, and grinding
- Automatic welding filter XA 47 features shade choices 5, 9-13 and 14-15 for higher current welding (Beta e90X)
- Automatic welding filter SA 60B LiFE+ Color ADF features 60 cm<sup>2</sup> viewing area and shade choices 9-13 (Beta e90A)
- The deep cut shell design increases protection to the facial sides
- Flip-up welding lens cassette includes an impact-rated inspection window
- Strong, super-adjustable and comfortable headband
- Convenient GapView position in the flip-up lens
- EN175 B impact protection rated
- Magnifying lens option
- The lightweight design ensures excellent welding comfort



## PRODUCT OPTIONS



**Beta e90P**

Beta e90P welding helmet with a passive welding filter offers reliable protection for the eyes, face and neck in basic welding and fabrication. The model is equipped with a lightweight but strong shell construction. Beta e90P welding mask also features a comfortable headband, GapView flip lens function and magnifying lens frame.



**Beta e90A**

Beta e90A welding helmet with auto-darkening welding filter SA 60B offers reliable protection for the eyes, face and neck in basic welding and fabrication. The model is equipped with a lightweight but strong shell construction. Beta e90A welding mask also features a comfortable headband, GapView flip lens function and magnifying lens frame.



**Beta e90X**

Beta e90X welding helmet with auto-darkening welding filter XA 47 offers reliable protection for the eyes, face and neck in basic welding and fabrication. The model is equipped with a lightweight but strong shell construction. Beta e90X welding mask also features a comfortable headband, GapView flip lens function and magnifying lens frame.



**Beta Art e90A**

A special edition of our popular Beta e-series welding helmets. Choose from two unique designs: 'Forest' reflects the details of a beautiful northern pine tree, while 'Ice' captures the unmistakable details of a frozen Nordic landscape. The e90A has SA 60B auto-darkening eye protection and a robust and lightweight shell. This helmet also offers a comfortable headband, the GapView flip lens function, and a magnifying lens frame.



**Beta Art e90P**

A special edition of our popular Beta e-series welding helmets. Choose from two unique designs: 'Forest' reflects the details of a beautiful northern pine tree, while 'Ice' captures the unmistakable details of a frozen Nordic landscape. The e90P has a passive welding filter for reliable eye protection and a lightweight but strong shell. It also has a comfortable headband, the GapView flip lens function, and a magnifying lens frame.



## FEATURES



### Comfort and great adjustability

Beta welding helmets are light in weight and well balanced. The headband is super adjustable and easy to set for your personal preferences, offering a new level of comfort. Magnifier lenses can be quickly fitted for close and precise work, sliding within its frame set for perfect adjustment and optical setting no matter what the welding position.



## ACCESSORIES



### XA 47

Auto-darkening welding filter featuring LiFE+ Color ADF technology that provides greater clarity of vision. Shade adjustments: 5, 8, 9-13 and 14, 15.



### SA 60B

Auto-darkening welding filter featuring large view area 100 x 60mm and LiFE+ Color ADF technology, providing greater clarity of vision. Shade adjustments: 5, 9-13.



### Leather welding bib

Optional integrated neck protection for Alfa and Beta e-series models. Snap buttons allow easy removal and attachment.



### Universal leather neck protector

Protecting the neck and shoulders from welding spatter and grinding, the universal leather neck protector can be used with all Kempki personal protection equipment and the wider welding market.



## TECHNICAL SPECIFICATIONS

### Beta e90P

Product code	9873022
Weight	440 g
Operating temperature	- 5 ... + 55 °C <80% Rh
EN 175	B
Welding filter	Passive
View size	100 x 78 mm
Filter dimension	110 x 90 mm
Shade range	11
LiFE+ Color (yes/no)	No
Grinding function (yes/no)	No

### Beta e90A

Product code	9873023
Weight	470 g
Operating temperature	- 5 ... + 55 °C <80% Rh
EN 175	B
Welding filter	SA 60B
View size	100 x 60 mm
Filter dimension	110 x 90 mm
Shade range	9-13
ADF light state	3.5
ADF CE Classification	1/1/1/1
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding function (yes/no)	Yes

### Beta e90X

Product code	9873024
Weight	525 g
Operating temperature	- 5 ... + 55 °C <80% Rh
EN 175	B
Welding filter	XA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-15
ADF light state	4
ADF CE Classification	1/1/1/2
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding function (yes/no)	Yes



## Beta Art e90A

Product code	9873023AF – Beta e90A Art Forest 9873023AI – Beta e90A Art Ice
Weight	470 g
Operating temperature	– 5 ... + 55 °C <80% Rh
EN 175	B
Welding filter	SA 60B
View size	100 x 60 mm
Filter dimension	110 x 90 mm
Shade range	9-13
ADF light state	3.5
ADF CE Classification	1/1/1/1
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding function (yes/no)	Yes

## Beta Art e90P

Product code	9873022AF – Beta e90P Art Forest 9873022AI – Beta e90P Art Ice
Weight	440 g
Operating temperature	– 5 ... + 55 °C <80% Rh
EN 175	B
Welding filter	Passive
View size	100 x 78 mm
Filter dimension	110 x 90 mm
Shade range	11
LiFE+ Color (yes/no)	No
Grinding function (yes/no)	No

## ACCESSORIES

### XA 47

Product code	SP9873063
Shade range	4/9-13 CUTTING 5 14-15

### SA 60B

Product code	SP9873064
--------------	-----------

### Leather welding bib

Product code	SP015177
--------------	----------





## Universal leather neck protector

Product code

SP015579

[WWW.KEMPPI.COM](http://WWW.KEMPPI.COM)

---

**Kemppi** is the design leader in the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for a greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 195 MEUR in 2022.

