

# BETA

RELIABLE AND SAFE PROTECTION FOR WELDERS





## BETA



### RELIABLE AND SAFE PROTECTION FOR WELDERS

Designed for professional welders and certified to EN175 B for welding, grinding and cutting processes, Beta welding helmet range includes five models equipped with either passive or automatic filters. All Beta models feature the same lightweight but strong shell construction, a comfort headband, GapView flip lens function and magnifying lens frame.

Beta 90X is the top model of 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, ideal for setting and tack welding tasks.

Beta 90 and 60 product series contain models equipped with an auto-darkening or a passive welding filter. These welding helmets offer great value and reliable protection for professional welders and fabricators.



## KEY BENEFITS



### EXTRA PROTECTION AND COMFORT

Beta welding helmets offer a high level of welding and grinding protection. Deep cut design ensures additional face and neck protection and the headband is super comfortable and easy to set.



### BETTER VISIBILITY

Beta 90X is equipped with a XA 47 ADF welding filter featuring LiFE+ Color optics to improve work accuracy, reduce eye fatigue and protect your sight.

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## BENEFITS

- Suitable for MIG/MAG, TIG, MMA, plasma, cutting, and grinding
- LiFE+ Color ADF technology increases the work accuracy in XA 47 model
- Automatic welding filter XA 47 features shade choices 5, 9-13 and 14-15 for higher current welding
- Automatic welding filter SA 47 features shade choices 4 and 9-13 (Beta 90A)
- Automatic welding filter SA 35 features shade choices 4 and 9-13 (Beta 60A)
- Deep cut design increases protection to the facial sides
- Flip-up welding lens cassette including inspection window
- Strong, super-adjustable and comfortable headband
- Convenient GapView position in flip-up lens
- EN175 B impact protection rated
- Magnifying lens option
- Lightweight



## PRODUCT OPTIONS



**Beta 60A**

Beta 60A offers reliable protection for the eyes, face and neck in basic welding and fabrication work. Approved for welding, cutting and grinding processes, it offers an automatic welding filter.



**Beta 60P**

Beta 60P offers reliable protection for the eyes, face and neck in basic welding and fabrication work. Approved for welding, cutting and grinding processes, it offers a passive welding filter.



**Beta 90A**

Beta 90A offers reliable protection for the eyes, face and neck in basic welding and fabrication work. Approved for welding, cutting and grinding processes, it offers an automatic welding filter.



**Beta 90P**

Beta 90P offers reliable protection for the eyes, face and neck in basic welding and fabrication work. Approved for welding, cutting and grinding processes, it offers a passive welding filter.



**Beta 90X**

Beta 90X offers excellent protection for facial areas in professional welding applications. It is also rated and tested for cutting and grinding tasks according to EN175 B.



## 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



### SA 35

Auto-darkening welding filter featuring shade adjustment 9-13, plus grinding mode.



## TECHNICAL SPECIFICATIONS

### Beta 60A

Product code	9873041
Weight	601 g
Operating temperature	-5...+55 °C
EN 175	S-B
Welding filter	SA 35
View size	96 x 35 mm
Filter dimension	110 x 61 mm
Shade range	9-13
ADF light state	4
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	No
Grinding fuction (yes/no)	No

### Beta 60P

Product code	9873040
Weight	574 g
Operating temperature	-5...+55 °C
EN 175	S-B
Welding filter	Passive
View size	99 x 52 mm
Filter dimension	110 x 60 mm
Shade range	11
LiFE+ Color (yes/no)	No
Grinding fuction (yes/no)	No

### Beta 90A

Product code	9873046
Weight	634 g
Operating temperature	-5...+55 °C
EN 175	S-B
Welding filter	SA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-13
ADF light state	4
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	No
Grinding fuction (yes/no)	Yes



## Beta 90P

Product code	9873045
Weight	615 g
Operating temperature	-5...+55 °C
EN 175	S-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 fuction (yes/no)	No

## Beta 90X

Product code	9873047
Weight	663 g
Operating temperature	-5...+55 °C
EN 175	S-B
Welding filter	XA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-15
ADF light state	6
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding fuction (yes/no)	Yes



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**Kemppi** is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

