

# Beta 90X

TOUGH, CONVENIENT AND VERSATILE





## Beta 90X



### YOUR PROTECTION FOR WELDING, CUTTING AND GRINDING

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.



## KEY BENEFITS



### EXTRA PROTECTION AND COMFORT

Beta 90X offers 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
- XA 47 welding filter features shade choices 5, 9-13 and 14-15 for higher current welding
- LiFE+ Color ADF technology increases the work accuracy
- 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
- Four alternative Beta models: 60P, 60A, 90P, 90A



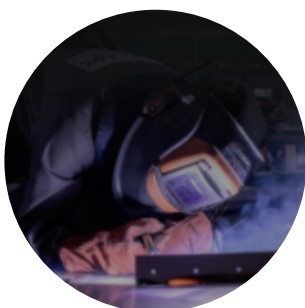
## BENEFITS



### CLARITY OF VISION

Welding shields fitted with auto-darkening filters (ADF) protect your eyes from the intense light of the welding arc and UV/IR radiation.

Welding filters featuring LiFE+ Color ADF technology enable greater clarity of vision and improved work accuracy, which reduces user eye strain and fatigue. LiFE+ Color lenses improve color recognition and optical quality and contrast.



### 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.

## TECHNICAL SPECIFICATIONS

### 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.

