BETA

BETTER VISIBILITY, BETTER WELDING PROTECTION



19.02.2020

KEMPPI

And you know.

BETA



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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.

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 cm² 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.

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 Kemppi personal protection equipment and the wider welding market.

TECHNICAL SPECIFICATIONS

Beta e90P

Product code	9873022
Weight	505 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 fuction (yes/no)	No

Beta e90A

Product code	9873023
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 switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding fuction (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 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.

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