

KEMPPI BETA WELDING HELMETS

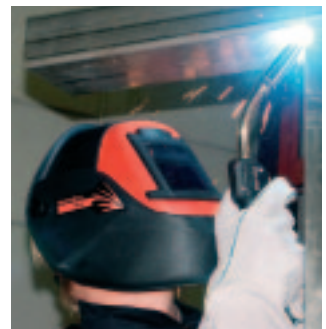


Kemppei's latest BETA welding helmet range has opened a new chapter in welding face shield design and personal welding protection. Developed, styled and manufactured in Finland by Kemppei, BETA welding helmets combine style, comfort and safety at new levels.



All BETA models include:

- Approved to CE EN 175B and are suitable for welding and grinding.
- Two stage 'Flip front' to provide partial or full view of the weld area through a 110 x 90 impact grade clear window.
- BETA helmets incorporate a double skin design around the hatch set 'Flip front' to improve strength and act as a thermal break so reducing internal temperatures around the welders face improving comfort.
- BETA helmets incorporate a Spatter rim around the periphery of the helmet shell designed to deflect welding spatter and grinding particles.
- BETA helmets incorporate a conical shell design, styled & cut deeply at the sides of the face, ears and neck to provide maximum protection even when working over head.



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BETA Automatic Helmet Models 60A, 90A & 90X

BETA helmets 60A, 90A & 90X are equipped with LCD photocell auto-darkening welding filters

- Darkening is activated immediately after arc ignition and auto filter brightens immediately after arc cut-out giving the welder complete view to the welding area.
- Auto-darkening welding filter is operated through photocell technology
 - No battery change

BETA 90 X -welding helmet is equipped with Shade and Sensitivity regulation



Technical Data and Order Numbers

	BETA 60	BETA 90	BETA 60 A	BETA 90 A	BETA 90 X
Darkening method	Welding filter	Welding filter	Auto darkening	Auto darkening	Auto darkening
Welding filter size mm	60 x 110	90 x 110	60 x 110	90 x 110	90 x 110
Viewing area	90 x 110	90 x 110	35 x 90	46.5 x 95	46.5 x 95
Filter shade range	EN 8 - 14 *	EN 8 - 14 *	EN 3 / 10.5	EN 3 / 11	EN 4 / 9-13
Sensitivity	-	-	Fixed	Fixed	Adjustable
Switching time	-	-	0.0005 s	0.0005 s	0.00015 s
Delay (dark ->bright)	-	-	Automatic (0.1-1.0 s)	0.2 s	0.4 s
Energy source	-	-	Photocell	Photocell	Photocell
Order number	9873040	9873045	9873041	9873046	9873047

*) Beta 60/90 filter shade EN 10 in the delivery