

KEMPER WELDING HELMETS

features and advantages

KEMPER autodark® 560i / 560x

- » Standard viewing area – 96 x 42 mm
- » Basic protection solution
- » General optical quality – 1/2/1/3
- » Powered by solar cells – no need to replace batteries
- » 1 year warranty



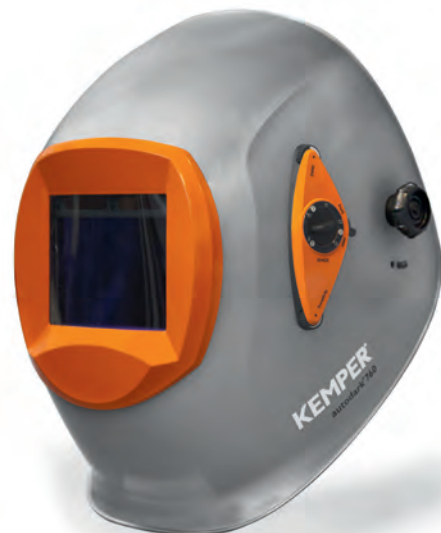
KEMPER autodark® 660i / 660x

- » Large viewing area – 96 x 46,5 mm
- » Superb sensitivity – including TIG with low Amps
- » Excellent optical quality – 1/1/1/2
- » ADC technology
- » Powered by solar cells – no need to replace batteries
- » Possibility of adjustment: shade 9-13 (Kemper autodark® 660i) , 6-8/9-13 (Kemper autodark® 660x), sensitivity, opening time delay, welding / grinding mode (Kemper autodark® 660x)
- » High reliability
- » Humidity protection
- » Long life time
- » 3 years warranty



KEMPER autodark® 760

- » Brighter filter / better colour recognition
- » Extra-large viewing area – 96 x 68,5 mm
- » Superb sensitivity – TIG below 5 Amps
- » Superb optical quality – 1/1/1/1
- » ADC Plus technology
- » Possibility of adjustment: shade 6-8/9-13, sensitivity, opening time delay, welding / grinding mode
- » High reliability
- » Humidity protection
- » Long life time
- » 4 years warranty



autodark® 560i

- » Viewing area 96 x 42 mm
- » Internal control



Applications

- » Manual arc welding
- » MIG/MAG welding
- » TIG welding
- » Micro-plasma-welding

Benefits

- » Better eye protection due to variable protection shades
- » Safety and comfort due to opening time delay
- » Wearing comfort due to low weight and adjustable headband
- » Low running cost as no battery change is necessary
- » Reliable protection due to adjustable sensitivity

Properties

- » Variable sensitivity
- » Large viewing area 96 x 42 mm
- » Variable shade DIN 9-13 (internal)
- » Optical class (1/2/1/3)
- » Adjustable delay
- » 1 year warranty
- » Solar cell powered

Order Data

Art. No.	Description
74 800 560i	autodark® 560i Welding Helmet

Technical Data

Basic data	
Dimensions viewing area	96 x 42 mm
Dark shade	Shade 9-13
Light shade	Shade 4
UV/IR Shade	Shade 15/16
Classification	1/2/1/3
Auto-ON	Yes
Switching time	0,0004 s (21°C)
Delay	0,2 - 0,8 s
Sensitivity	Adjustable
Grinding mode	No
Sensors	2
Weight	570 g
Power supply	Solar cells, no battery change
Approval	CE
Certificate	EN 379, EN 175

Applications

- » Manual arc welding
- » MIG/MAG welding
- » TIG welding
- » Micro-plasma-welding

Benefits

- » Better eye protection due to variable protection shades
- » Safety and comfort due to opening time delay
- » Wearing comfort due to low weight and adjustable headband
- » Low running cost as no battery change is necessary
- » Reliable protection due to adjustable sensitivity
- » Easy operation by external adjustment of shade

Properties

- » Variable sensitivity
- » Large viewing area 96 x 42 mm
- » Variable shade DIN 9-13 (external)
- » Optical class (1/2/1/3)
- » Adjustable delay
- » 1 year warranty
- » Solar cell powered

autodark® 560x

- » Viewing area 96 x 42 mm
- » External control



Technical Data

Basic data	
Dimensions viewing area	96 x 42 mm
Dark shade	Shade 9-13
Light shade	Shade 4
UV/IR Shade	Shade 15/16
Classification	1/2/1/3
Auto-ON	Yes
Switching time	0,0004 s (21°C)
Delay	0,2 - 0,8 s
Sensitivity	Adjustable
Grinding mode	No
Sensors	2
Weight	575 g
Power supply	Solar cells, no battery change
Approval	CE
Certificate	EN 379, EN 175

Order Data

Art. No.	Description
74 800 560x	autodark® 560x Welding Helmet



autodark® 660i

- » Viewing area 96 x 46,5 mm
- » Internal control



Applications

- » Manual arc welding
- » MIG/MAG welding
- » TIG welding
- » Micro-plasma-welding
- » Plasma cutting

Benefits

- » See everything due to improved slanted view
- » Better eye protection due to higher optical class and variable shade
- » Higher safety due to larger viewing area and higher mechanical protection
- » Higher safety and comfort due to adjustable delay
- » Less tiring operation due to lower weight of the welding filter
- » Higher comfort due to ergonomically designed headband
- » Reliable protection due to adjustable sensitivity

Properties

- » Variable sensitivity
- » Adjustable opening time delay
- » Large viewing area 96 x 46,5mm
- » Variable shade DIN 9-13 (internal)
- » Optical class (1/1/1/2)
- » Switching time light to dark < 0,15ms
- » High mechanical protection - DIN plus
- » Optical welding protective Filter with low weight
- » Better wearing comfort due to optimized head band
- » 3 year warranty
- » Solar cell powered

Order Data

Art. No.	Description
74 800 660i	autodark® 660i Welding Helmet
70 801 660i	autodark® 660i welding protection helmet incl. hard hat

Technical Data

Basic data	
Dimensions viewing area	96 x 46,5 mm
Dark shade	Shade 9-13
Light shade	Shade 4
UV/IR Shade	Shade 16
Classification	1/1/1/2
Auto-ON	Yes
Switching time	0,00015 s (21°C)
Delay	0,2 - 0,8 s
Sensitivity	Adjustable
Grinding mode	No
Sensors	2
Weight	585 g
Power supply	Solar cells, no battery change
Approval	CE, DIN, DIN plus
Certificate	EN 379, EN 175

Applications

- » Manual arc welding
- » MIG/MAG welding
- » TIG welding
- » Micro-plasma-welding
- » Plasma cutting
- » Grinding

Benefits

- » Easy operation by external adjustment of shade
- » See everything due to improved slanted view
- » Better eye protection due to higher optical class and variable shade
- » Higher safety due to larger viewing area and higher mechanical protection
- » Higher safety and comfort due to adjustable delay
- » Less tiring operation due to lower weight of the welding filter
- » Higher comfort due to ergonomically designed headband
- » Reliable protection due to adjustable sensitivity

Properties

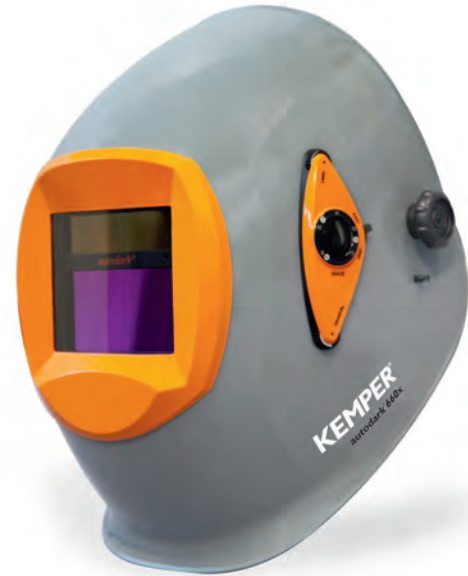
- » Variable sensitivity
- » Adjustable opening time delay
- » Large viewing area 96 x 46,5mm
- » Shade DIN 6-8 / 9-13 (extern)
- » Optical class (1/1/1/2)
- » Switching time light to dark < 0,15ms
- » High mechanical protection - DIN plus
- » Optical welding protective Filter with low weight
- » Better wearing comfort due to optimized head band
- » 3 year warranty
- » Solar cell powered

Order Data

Art. No.	Description
74 800 660x	autodark® 560x Welding Helmet
70 801 660x	autodark® 660x welding protection helmet incl. hard hat

autodark® 660x

- » Viewing area 96 x 46,5 mm
- » External control



Technical Data

Basic data	
Dimensions viewing area	96 x 46,5 mm
Dark shade	Shade level 6-8/9-13
Light shade	Shade 4
UV/IR Shade	Shade 16
Classification	1/1/1/2
Auto-ON	Yes
Switching time	0,00015 s (21°C)
Delay	0,2 - 0,8 s
Sensitivity	Adjustable
Grinding mode	Yes
Sensors	2
Weight	620 g
Power supply	Solar cells, no battery change
Approval	CE, DIN, DIN plus
Certificate	EN 379, EN 175



autodark® 760



Technical Data

Basic data

Dimensions viewing area	96 x 68,5 mm
Dark shade	Shade level 6-8/9-13
Light shade	Shade 4
UV/IR Shade	Shade 16
Classification	1/1/1/1
Auto-ON	Yes
Switching time	0,00015 s (21°C)
Delay	0,1 - 1,0 s
Sensitivity	Adjustable
Grinding mode	Yes
Sensors	3
Weight	645 g
Power supply	Solar cells, 2 batteries (CR2032)
Approval	CE, DIN, DIN plus
Certificate	EN 379, EN 175

Applications

- » Manual arc welding
- » MIG/MAG welding
- » Micro-plasma-welding
- » Plasma cutting
- » Grinding
- » TIG welding <5 A

Benefits

- » Wide shade range allows use with many welding applications
- » Maximum safety thanks to very large viewing area and superb switching time
- » Increased safety and comfort due to adjustable opening time delay
- » Time saving grinding mode - no need to take off welding helmet
- » Reliable protection due to adjustable sensitivity

Properties

- » Variable sensitivity
- » Adjustable opening time delay
- » Optical welding protective Filter with low weight
- » Better wearing comfort due to optimized head band
- » Viewing area 96 x 68.5 mm
- » Variable shade DIN 6-8 / 9-13
- » Optical class 1/1/1/1
- » Switching time light to dark < 0,15ms
- » Three sensors
- » 4 year warranty

Order Data

Art. No.	Description
74 800 760	autodark® 760 Welding Helmet
70 801 760	autodark® 760 welding protection helmet incl. hard hat

