

# Flexlite GXe

REDESIGNED WITH OVER 200 IMPROVEMENTS



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Designed for welders



## Flexlite GXe



### REDESIGNED WITH OVER 200 IMPROVEMENTS

The Flexlite GXe is a reliable, high-quality MIG/MAG torch series with optimized ergonomics and excellent welding performance. The improved structure enables a longer, cost-efficient lifetime for both the torch and consumables, proved by a 6-month warranty.

We used customer feedback to completely re-engineer the torch structure for enhanced durability, upgraded welding characteristics, and optimal balance. **The GXe** is designed for better protection against dust and humidity while also offering compatibility with a wider range of accessories. Key areas have been made smaller for added comfort, and the ball joint bending support is now more reliable with improved wire feeding.

But there's more. We also made significant upgrades to the torch neck. For example, the new water-cooled W-neck with new ceramic insulation and improved water flow offers enhanced cooling to extend the lifetime of consumables, and the refined neck shape enables smoother wire feeding. **GXe torches** also have a new gas-cooled G-neck with a strong heavy-duty structure and a new rotation mechanism for increased durability. The neck bend angles and wireline were also optimized to reduce wire feeding disturbance for more stable arc performance and precise welds.

Getting the most out of your MIG/MAG torch means having the best accessories, and **GXe torches** are no exception. Both the new GRe50 analog remote control for the Series 5 torches and GRe80 digital display remote control for the Series 8 torches offer improved ergonomics and easy installation, while a new heat protector maximizes hand protection when added to either the standard handle design or the optional gun handle.



## KEY BENEFITS



### FIRST-CLASS WELDING PERFORMANCE

Key areas of the torch structure are improved with new materials to ensure better welding characteristics.



### 6-MONTH WARRANTY

An improved torch structure enables a longer, cost-efficient lifetime, proved by a 6-month warranty.



### SUPREME USABILITY

The best combination of balance, flexibility and ergonomics.

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## BENEFITS

- Long, cost-efficient lifetime
- Two value levels (Series 5 and 8) are available with gas- and water-cooled versions
- IP5X Protected against dust and humidity
- Improved handle grip features and shape for better ergonomics
- Built-in LED work light illuminates the area around the contact tip (Series 8)
- New lightweight on-torch remote control options
- Redesigned and patented ball-joint cable is optimized for smoother wireline and reduces wrist load
- Over 200 improvements made to the previous version (GX-series)
- Compatible with all GX-series consumables



## PRODUCT OPTIONS



### GXe 205G

200 A, Gas-cooled, 3.5m or 5m, Euro connector



### GXe 305G

300 A, Gas-cooled, 3.5m or 5m, Euro connector



### GXe 305W

300 A, Water-cooled, 3.5m or 5m, Euro connector



### GXe 405G

400 A, Gas-cooled, 3.5m or 5m, Euro connector



### GXe 405W

400 A, Water-cooled, 3.5m or 5m, Euro connector



### GXe 505W

500 A, Water-cooled, 3.5m or 5m, Euro connector



### GXe 308GA (+GRe80)

300 A, Gas-cooled, 3.5m or 5m, Euro connector with Amphenol



### GXe 308WA (+GRe80)

300 A, Water-cooled, 3.5m or 5m, Euro connector with Amphenol



### GXe 408GA (+GRe80)

400 A, Gas-cooled, 3.5m or 5m, Euro connector with Amphenol





### GXe 408WA (+GRe80)

400 A, Water-cooled, 3.5m or 5m, Euro connector with Amphenol



### GXe 508WA (+GRe80)

500 A, Water-cooled, 3.5m or 5m, Euro connector with Amphenol



## FEATURES



### Over 200 improvements

GXe is a redesigned Flexlite MIG/MAG torch with over 200 upgrades made to the torch structure compared to the previous version (GX-series).



### IP5X protection against dust and humidity

The IP rating classifies the degree of protection against dust and humidity. GXe MIG/MAG torches are IP5X-rated, meaning that they are dust protected. GXe torches also have high humidity protection, but safety regulations don't allow to rate it.



### Smart cable design with maximum bending radius

The GXe series has smart cable design and a modified ball geometry that enables more flexible movement and a smoother wireline. The new shape allows for a narrower and, therefore, more ergonomic handle design.



### Slim and compact handle for added comfort

The shape of the ball joint reduces handle grip width and weight, improving ergonomics. Also, improved trigger control with reduced reach distance from the handle adds comfort.



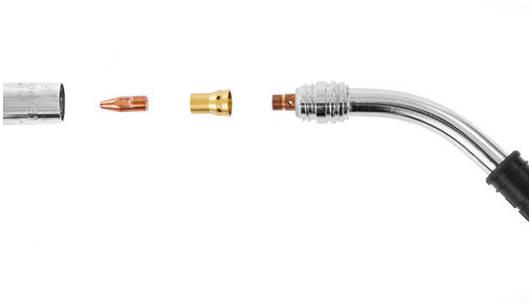
### User-friendly remote controls

New lightweight on-torch remote controls have self-orienting modular connectors and silicone gaskets for dust and moisture protection. Two models are available: an analog GRe50 remote control for Series 5 torches and a GRe80 digital display remote with Amphenol connectivity for Series 8 torches.



### Clean and spatter-free welding

Separate shielding gas channels and extended cooling circulation running to the end of the gun neck enable cleaner welds, less spatters, and reduced shielding gas consumption.



### Less consumables, lower costs

The number of consumables was already reduced with the previous GX series. This lower inventory costs, and now the same consumables are compatible with both GX and the new GXe series torches.



### LED work light for better usability

GXe Series 8 welding torches feature an on-torch LED work light to illuminate the area around the contact tip in low-light working conditions. Work light aid pre-weld positioning and post-weld visibility.



### New neck design for extra durability

The new neck construction is thinner than ever, but has improved heat resistance with new insulation, stronger outer shell materials, and extended cooling ducts.



### Easy access to information

Every Flexlite GXe welding torch is equipped with a QR code, taking you effortlessly to relevant ordering codes, consumables, product documents, and Kemppi contact info.



## ACCESSORIES



**GRe50**

Classic analog remote control for GXe Series 5 torches for memory channel or wire feeding adjustment. The new shape is lightweight, durable, and easy to handle with welding gloves. The channel step click can be removed by adjusting it with a small screwdriver. Plastic is more robust, and orange potentiometer fixing is improved. Compatible with Kemppi machines with remote control support.



**GRe80**

Digital remote control for choosing parameters and making precise adjustments with GXe Series 8 torches. A small profile helps prevent knocks, while a bright, easy-to-read display provides key information right at the weld joint. Easy installation and maximum dust and humidity protection. Compatible with Kemppi Master M 350 series and X5 FastMig family.



**Multitool**

The multitool is designed to meet the most common maintenance needs for Flexlite MIG guns. The multitool is suitable for changing contact tips, wire liners, etc. It is included in every standard package of Flexlite MIG guns.



**Gun handle**

The updated detachable gun handle with improved ergonomics fits perfectly into the welder's hand. The trigger is better placed than before, and the gun handle gives better support for the welder's wrist. Usage requires less muscle effort than the previous gun handle. The trigger mechanism was made with a plastic bearing which allows smooth and step-less trigger touch.



**Heat protector**

The heat protector for GXe welding torches protects the welder's hand when welding in extremely high amperages. The heat protector is flexible, and welders don't have to worry about rigid corners or other impacts which could ruin the welding result. In addition, the heat protector can be detached or attached within a few seconds. Heat protector can be used with and without a gun handle.



**Safety control**

Safety control is an alternative trigger module for customers who appreciate high-level safety. Safety control module triggers can't be pulled without precise movement. A small lever should be pulled forward before pulling the trigger itself. With that option, emergency situations can be avoided. On the other hand, the safety control design is revolutionary because it doesn't make trigger pulling too difficult.



**Gun necks**

Gun neck carries the electrical current to the tip of the gun along with the shielding gas and cooling liquid. You can extend your welding gun lifetime by updating the neck.



**MIG/MAG gas nozzles**

Available as threaded or non-threaded and come in many different shapes and sizes for various applications. Available in copper material. Kemppi gas nozzles are easy to clean and change and provide better reachability for special applications (root passes, narrow gap).



**Contact tips Kemppi LIFE+**

Original Kemppi contact tips ensure optimized welding current transfer to filler wire. Kemppi LIFE+ contact tips last up to 5 times longer than standard copper tips, due to innovative alloying and hardening techniques.





### Contact tips

Original Kemppi contact tips ensure optimized welding current transfer to filler wire. Kemppi contact tips are available for all wire materials in most common wire sizes from 0.6mm up to 1.6mm. Larger diameters up to 3.2mm are also available.



### Contact tip adapters

Copper or brass contact tip adapters are available for all genuine Kemppi contact tips.



### Wire liners

Kemppi wire liners are strong, durable and efficient, designed to suit specific filler wire materials and applications. Most of Kemppi's wire liners are color-coded the same way as the feed rolls in Kemppi wire feeders. This helps to select suitable material for your use.

Kemppi liners support the filler wire and ensure its reliable delivery to the welding arc.



### DL Chili Liner

Kemppi's patented teflon liner DL Chili is a two-component plastic liner type that represents the latest solution for reliable feeding of aluminum, stainless steel, acid-resistant and solid steel filler wires. DL Chili technology reduces the surface friction between the filler wire and the liner wall, reducing drag by up to six times compared to traditional plastic.



### Wire guide tubes

Wire guide tube guides and focuses filler wire to the gun's wire liner when the wire moves from the wire feeder to the gun.



### Neck wire liners

A short piece of wire liner inside gun neck, used in gas-cooled multi-neck MIG welding guns.



## TECHNICAL SPECIFICATIONS

### SERIES 5 WELDING TORCHES

#### GXe 205G

Product code	GXE205G35 (3.5m), GXE205G5 (5m)
Load capacity, Ar + CO <sub>2</sub> (35%)	200 A
Changeable neck	No
Rotating neck	Yes
Standards	IEC 60974-7
Type of cooling	Gas
Remote control	Optional GRe50 remote
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.2
Type of connection	Euro
LED option	No
Gun handle	Yes
Cable length (m)	3.5 / 5

#### GXe 305G

Product code	GXE305G35 (3.5m), GXE305G5 (5m)
Load capacity, Ar + CO <sub>2</sub> (35%)	300 A
Changeable neck	No
Rotating neck	Yes
Standards	IEC 60974-7
Type of cooling	Gas
Remote control	Optional GRe50 remote
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.2
Type of connection	Euro
LED option	No
Gun handle	Yes
Cable length (m)	3.5 / 5



## GXe 305W

Product code	GXE305W35 (3.5m), GXE305W5 (5m)
Load capacity, Ar + CO2 (100%)	300 A
Changeable neck	No
Rotating neck	No
Standards	IEC 60974-7
Type of cooling	Water
Remote control	Optional GRe50 remote
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro
LED option	No
Gun handle	Yes
Cable length (m)	3.5 / 5

## GXe 405G

Product code	GXE405G35 (3.5m), GXE405G5 (5m)
Load capacity, Ar + CO2 (35%)	400 A
Changeable neck	No
Rotating neck	Yes
Standards	IEC 60974-7
Type of cooling	Gas
Remote control	Optional GRe50 remote
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro
LED option	No
Gun handle	Yes
Cable length (m)	3.5 / 5



## GXe 405W

Product code	GXE405W35 (3.5m), GXE405W5 (5m)
Load capacity, Ar + CO2 (100%)	400 A
Changeable neck	No
Rotating neck	No
Standards	IEC 60974-7
Type of cooling	Water
Remote control	Optional GRe50 remote
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro
LED option	No
Gun handle	Yes
Cable length (m)	3.5 / 5

## GXe 505W

Product code	GXE505W35 (3.5m), GXE505W5 (5m)
Load capacity, Ar + CO2 (100%)	500 A
Changeable neck	No
Rotating neck	No
Standards	IEC 60974-7
Type of cooling	Water
Remote control	Optional GRe50 remote
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro
LED option	No
Gun handle	Yes
Cable length (m)	3.5 / 5



## SERIES 8 WELDING TORCHES

### GXe 308GA (+GRe80)

Product code	GXE308GA35 (3.5m), GXE308GA5 (5m)
Load capacity, Ar + CO2 (35%)	300 A
Changeable neck	No
Rotating neck	Yes
Standards	IEC 60974-7
Type of cooling	Gas
Remote control	GRe80 remote as a standard
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.2
Type of connection	Euro + Amphenol
LED option	Yes
Gun handle	Yes
Cable length (m)	3.5 / 5

### GXe 308WA (+GRe80)

Product code	GXE308WA35 (3.5m), GXE308WA5 (5m)
Load capacity, Ar + CO2 (100%)	300 A
Changeable neck	No
Rotating neck	No
Standards	IEC 60974-7
Type of cooling	Water
Remote control	GRe80 remote as a standard
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro + Amphenol
LED option	Yes
Gun handle	Yes
Cable length (m)	3.5 / 5





### GXe 408GA (+GRe80)

Product code	GXE408GA35 (3.5), GXE408GA5 (5m)
Load capacity, Ar + CO2 (35%)	400 A
Changeable neck	No
Rotating neck	Yes
Standards	IEC 60974-7
Type of cooling	Gas
Remote control	GRe80 remote as a standard
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro + Amphenol
LED option	Yes
Gun handle	Yes
Cable length (m)	3.5 / 5

### GXe 408WA (+GRe80)

Product code	GXE408WA35 (3.5m), GXE408WA5 (5m)
Load capacity, Ar + CO2 (100%)	400 A
Changeable neck	No
Rotating neck	No
Standards	IEC 60974-7
Type of cooling	Water
Remote control	GRe80 remote as a standard
Welding process	MIG/MAG
Contact tip	M10x1
Wire diameters (mm)	0.8-1.6
Type of connection	Euro + Amphenol
LED option	Yes
Gun handle	Yes
Cable length (m)	3.5 / 5



## GXe 508WA (+GRe80)

Product code	GXE508WA35 (3.5m), GXE508WA5 (5m)
Load capacity, Ar + CO2 (100%)	500 A
Changeable neck	No
Rotating neck	No
Standards	IEC 60974-7
Type of cooling	Water
Remote control	GRe80 remote as a standard
Welding process	MIG/MAG
Wire diameters (mm)	0.8-1.6
Type of connection	Euro + Amphenol
LED option	Yes
Gun handle	Yes
Cable length (m)	3.5 / 5

## ACCESSORIES

### GRe50

Description	remote control
Product code	GRe50

### GRe80

Description	remote control
Product code	GRe80

### Multitool

Description	For MIG guns
Product code	SP022843

### Gun handle

Product code	SP025865
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### Heat protector

Product code	W026576
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### Safety control

Product code	W026552 – GXe Series 8 Safety control W026237 – GXe Series 5 Safety control
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Contact tips Kemppe LIFE+

Product code	CT10C1SD001 - CONTACT TIP 1.0 C1 STD M10
	CT12C1SD001 - CONTACT TIP 1.2 C1 STD M10
	CT10C1SD003 - CONTACT TIP 1.0 C1 STD M6

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**Kemppi** is the design leader in the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for a greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 195 MEUR in 2022.

