ENGMAR | Innovative extraction solutions for the protection of welders

240 MIG/MAG FUME EXTRACTION TORCH

ERGOFLOW

MADE IN FRANCE

BOOST PRODUCTIVITY AND ACCESSIBILITY WITH A A MORE FLEXIBLE, LIGHTWEIGHT TORCH

Especially suited for complex welding environments (metalwork - reinforcement)

ERGONOMICS & FLEXIBILITY
Ergonomic handle

Several options available

OPTIMAL FUME EXTRACTION
Ideal position of the extraction nozzle

ENHANCED ACCESSIBILITY
Compact torch head parts

MECHANICAL TRIGGER
More robust than a microswitch

GRIP

SWIVEL CONNECTOR
Durable steel construction for improved torch handling

LESS BULKY CABLE ASSEMBLY WITH LEATHER PROTECTION

GAS

CE EUROPEAN STANDARDS
- EN 21904-1
- EN 21904-4
- EN 60974

PRODUCT BENEFITS

- **More flexible and compact** cable assembly for better accessibility in complex welding environments (e.g. metalwork, rebar fabrication).
- **Ultra-ergonomic and easy-to-handle** torch.
- Excellent fume extraction capacity: **up to 98% of fumes captured.**
- **Optimal accessibility** thanks to the recessed extraction nozzle and the slim gas nozzle.

PRODUCT DESCRIPTION

Welding generates fumes and gases that are harmful to the health of welders as well as to the air quality in the workshop. The fume extraction torch is the most effective solution for capturing welding fumes directly at their source, thus preventing their dispersion in the work environment.
The MIG/MAG 240 fume extraction torch, specifically designed for metalworking applications, stands out due to its reduced-diameter hose compared to other models in the **ERGOFLOW** range. This ergonomic design provides the welder with enhanced handling, allowing easy access to complex welding configurations. Ideal for small series parts, this torch is perfectly suited for operations requiring high precision. Thanks to its innovative design, it meets the demands of professionals seeking a reliable and high-performance tool.
ENGMAR is committed to meeting your specific needs by offering a wide range of customizable options for its fume extraction torches. These options are available on request to ensure a solution perfectly tailored to your activity.

Torch model available exclusively in air-cooled version.

TECHNICAL DATA OF THE EXTRACTION TORCH

	AIR COOLED
CO_2 CAPACITY	220 A
AR/CO_2 CAPACITY	180 A
DUTY CYCLE	60%
RECOMMENDED WIRE DIAMETER	0.8 - 1.2 mm
EXTRACTION HOSE DIAMETER	30 mm
MINIMUM FLOW RATE AT NOZZLE [NM^3/H]	81
REQUIRED VACUUM (SEA LEVEL) [PA]	17 900
DIFFERENCE IN FLOW RATES BETWEEN THE HEAD AND THE T(NM^3/H)	117

PRODUCT FEATURES

- Thanks to its reduced-diameter hose and lightweight design, the 240 torch offers excellent handling and accessibility.
- Ideal for applications requiring high precision, such as metalworking or rebar fabrication.
- Numerous additional options available (air valve, control button, leather cover, head parts).

PRODUCT REFERENCES

	AIR COOLED
	50° Model
3 m	FLS243035
4 m	FLS244035
5 m	FLS245035

ENGMAR

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