

FE Fume Extraction Torches

Ergonomic torches with excellent fume extraction capacity



Fume extraction torches are made to capture the welding fumes directly at the source. The FE torches are engineered to ensure excellent fume extraction performance without compromising the welding performance.

Featuring a good balance, an ergonomic handle design and a compact front end, these welding torches offer a comfortable feel similar to regular welding torches.

- Compact, ergonomic and lightweight design
- Long lifetime on wear parts
- Unique fume nozzle design for market leading extraction performance and durability
- Leather protection of cable assembly
- Use the optional airflow meter to ensure correct extraction flow for optimal welding- and fume extraction performance
- Choose CX remote variants for easy-to-use access to up/down adjustment of parameters and selection between 3 pre-selected jobs on Warrior Edge welding systems

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Industry

- Automotive
- Light Fabrication
- Petrochemical
- Steel Industry
- Tank and Vessel Fabrication
- Ship and Offshore Yards
- Repair and Maintenance
- Steel Industry
- Industrial and General Fabrication



Selected variants are available with CX module for remote control of Warrior Edge welding systems



By using the airflow meter, the welder will immediately verify the airflow, ensuring both best fume extraction- and welding performance

FE Fume Extraction Torches

Specifications					
	FE MINI 200	FE MINI 250	FE 300	FE MINI 320w	FE 400w
Cooling	Air	Air	Air	Liquid	Liquid
Welding Output M21	200 A at 60%	250 A at 60%	300 A at 100%	320 A at 100%	350 A at 100%
Welding Output CO ₂	230 A at 60%	280 A at 60%	320 A at 100%	360 A at 100%	390 A at 100%
Rec. Gas Flow	15-16 l/min	15-16 l/min	16-18 l/min	15-16 l/min	16-18 l/min
Rec. Extraction Volume	55-60 m³/h	55-60 m³/h	55-60 m³/h	55-60 m³/h	55-60 m³/h
Underpressure Rate 56m³/h*	10.5 KPa	10.5 KPa	9.5 KPa	10.5 KPa	9.5 KPa
Underpressure Rate 60m³/h*	11.5 KPa	11.5 KPa	10.5 KPa	11.5 KPa	10.5 KPa
Weight**	1.09 kg	1.34 kg	1.59 kg	1.47 kg	1.68 kg
Rec. Wire Diameter	0.8-1.0 mm	0.8-1.2 mm	0.8-1.2 mm	0.8-1.6 mm	1.0-1.6 mm
Certification Mark	CE (IEC 60974-7)				
Cable Length	3 m, 4 m, 5 m				

*Torch length 4 meter
** Handling weight. Measured 1 meter from the ground.

Ordering Information			
Description	3 m	4 m	5 m
FE MINI 200 Torch	0700027000	0700027001	0700027002
FE MINI 250 Torch	0700027005	0700027006	0700027007
FE MINI 250 Torch, with CX remote for WARRIOR EDGE	0700027030	0700027031	0700027032
FE 300 Torch	0700027010	0700027011	0700027012
FE MINI 320w Torch	0700027015	0700027016	0700027017
FE MINI 320w Torch, with CX remote for WARRIOR EDGE	0700027040	0700027041	0700027042
FE 400w Torch	0700027020	0700027021	0700027022

Delivery includes: Instruction manual, one set of wear parts (1.0 mm on MINI torches, 1.2 mm on other), tool set and gasflow meter.

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Wear parts	
Description	Part Number
Nozzle, MINI, 12 mm, FE MINI 200, -250 and -320w	0700027050
Nozzle, MINI, 14 mm, FE MINI 200, -250 and -320w	0700027052
Nozzle, MINI, 17 mm, FE MINI 200, -250 and -320w	0700027053
Nozzle, 14 mm, FE 300 and FE 400w	0700027055
Nozzle, 17 mm, FE 300 and FE 400w	0700027056
Tip adapter MINI	0700027060
Tip adapter	0700027062

Bold: included in delivery.

Contact tips				
Description	0.8 mm	1.0 mm	1.2 mm	1.6 mm
Contact tip ECu	0700027070	0700027071	0700027074	0700027077
Contact tip CuCrZr		0700027073	0700027076	0700027078
Contact tip for Aluminium		0700027072	0700027075	

Bold: included in delivery.

Liners			
Description	3 m	4 m	5 m
Steel liner, Blue, 0.8 – 1.0 mm	0700200085	0700200086	0700025800
Steel liner, Red HD, 1.0 – 1.2 mm	0700025822	0700025823	0700025824
Steel liner, Grey HD, 1.4 – 1.6 mm	0700025825	0700025826	0700025827
PA/Bronze liner, Anthracite, 0.8 – 1.0 mm	0700025816	0700025817	0700025818
PA/Bronze liner, Anthracite, 1.2 – 1.6 mm	0700025819	0700025820	0700025821

Bold: included in delivery.

Options & Accessories	
Description	Part Number
Airflow Meter MINI	0700027130
Airflow Meter	0700027131
Tool Set (brush+wrench), cleaning and changing wear parts	0700027132
Hose adapter for ESAB CarryVac 3 (51mm hose)	0700027135
Gasflow Meter	0155716880
Coolant liquid 10 l.	0465720002
Jig & Tool Protector, ceramic spray for nozzle and tip	0700013016

For full list of accessories, wear- and spare parts, please refer to instruction manual.



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