sacit.com

SACIT®
WELDING & SAFETY

NEW
TH3
FILTER



CHOOSE RED SAFETY

DOUBLE PROTECTION IN ONE SINGLE SYSTEM

Pantera Air System, the portable system that simultaneously protects eyes and respiratory tract.



Pantera Air System
The ideal protection in all welding situations

Pantera Air System is a device that guarantees excellent respiratory tract and face protection, for added safety and comfort during welding. Portable and comfortable, it is ideal in all operating situations.

In indoor environments it can be combined with a centralized suction system for total protection, in outdoor environments it is the ideal solution, thanks to its power supply with long-lasting batteries, up to 8 continuous hours.



THE HOSE

Corrugated hose with flameproof cotton cover and bayonet couplings.

THE MASK

Pantera Mask equipped with digital controls with large visual area (100x60 mm) and darkening time less than 0.1 ms.
Safety is guaranteed by 4 optical sensors.

THE SUPPORT

Practical, comfortable and adjustable shoulder strap and padded belt.

THE VENTILATION SYSTEM

The blower unit is the heart of the system.

- 3-speed air flow for optimal handling in all working conditions.
- Filter efficiency of 99,8% 0.3 µm.
- Full and intuitive digital display.
- System adjustable wearing gloves.

CE

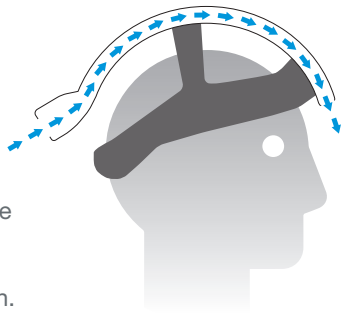
Pantera Air System complies with the following regulations;

Respirator approval
- EN 12941: 1998 +A1:2003+A2:2008

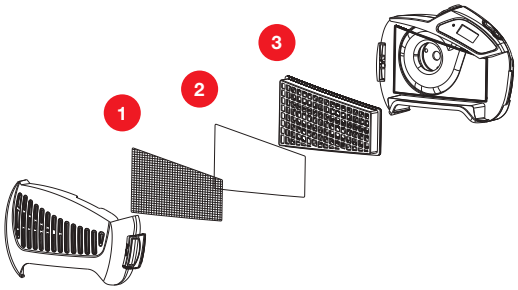
Respirator approval
- EN 175
- EN 379

PANTERA AIR SYSTEM OPERATION

The Pantera Air System aspires air from the environment and, filtering it with prefilters and filters, conveys a clean airflow to the head, ensuring a clean area for the respiratory tract, and therefore a good oxygenation.



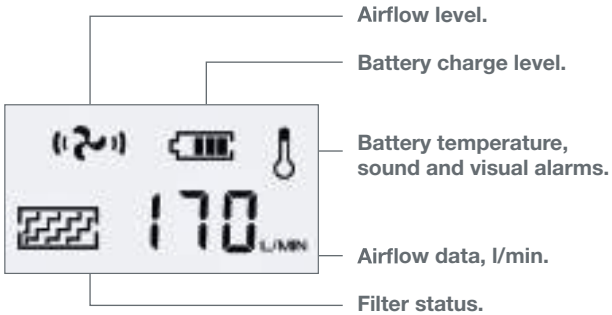
COMPOSITION OF THE FILTER SYSTEM



1. **Spark arrestor to block coarse powders.**
2. **Prefilter to block powders in general.**
3. **Specific filter for thin particles with a filter efficiency of 99,8% = 0.3 µm.**

Filters should be replaced in relation to hours of use. We recommend replacing them with a higher frequency to ensure a good clean air flow. In case of negligence in the replacement of the filters, the system goes into alarm signaling an inadequate airflow.

LCD DISPLAY FUNCTIONS



PANTERA, AUTO DARKENING HELMET

Pantera is the top autodarkening helmet of the new Sacit series.
Thanks to the use of four darkening sensors, precise digital adjustment and wide viewing area, this mask is dedicated to a welder who wants excellent performance in all welding processes.

TC TRUE COLOR

SM SLEEP MODE

APPLICATIONS



MIG (GMAW) | TIG (GTAW) | SMAW | OXYGAS | GRINDING

The innovative True Color system delivers real-world color vision, which allows less visual fatigue.



1/1/1/1	100 x 60 mm	114 x 133 mm	4	DIGITAL	DIN 4	TO FROM DIN 4 / 9÷13	UV/IR DIN 15	< 0,08 ms	0,1÷0,9 s
OPTICAL CLASS	VIEWING AREA	FILTER DIMENSIONS	SENSORS	CONTROLS	LIGHT STATE	SHADE RANGE	UV/IR PROTECTION	SWITCHING TIME	DELAY

	E	CR2450 Li		g 800	
SENSITIVITY	POWER SUPPLY	REPLACEABLE BATTERIES	LOW BATTERY INDICATOR	NET WEIGHT	PAPR

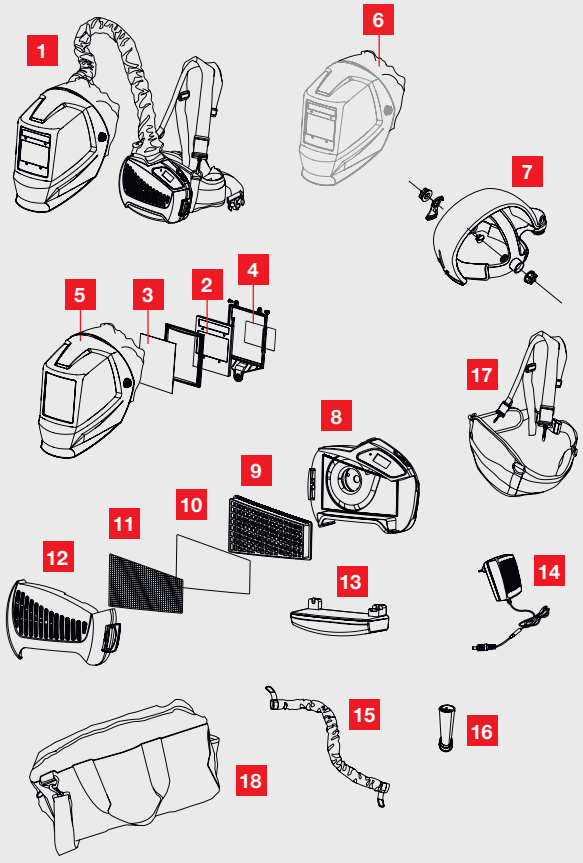
SACIT®
WELDING & SAFETY



DOUBLE PROTECTION IN ONE SINGLE SYSTEM

Pantera Air System technical data

Filter type	TH3 P R SL
Filter efficiency level	99,8% 0,3 µm
Airflow level	1 st speed: 170 l/min 2 nd speed: 200 l/min 3 rd speed: 230 l/min
Noise level	Max 75 dB
Belt size	900 ÷ 1300 mm
Blower unit size	240 x 165 x 70 mm
Blower unit weight	1,1 Kg
Battery model	Rechargeable Li-ION 4400 mAh
Battery life	1 st speed > 8 h 2 nd speed > 6 h 3 rd speed > 4 h
Battery charge time	3,5 h
Number of battery recharges	500
Information on the digital display	Air flow rate and data Battery level Filter status
Usage temperatures	-5°C +55°C
Storage temperatures	-10°C +55°C



	Code	Description	
1	MSC000441	Pantera Air System + Pantera Helmet	1
2	SPL000430	Pantera auto-darkening filter	1
3	LVE000238	External protection plate 114x133x1 mm	1
4	LVE000237	Internal protection plate 106x66x1 mm	1
5	SPL000391	Helmet shell + throat protection + ext. prot. plate	1
6	SPL000393	Cotton throat protection	1
7	VCE000698	Air conveyor + headgear	1
8	MU0361	Blower unit	1
9	SPL000386	Filter	4
10	SPL000381	Prefilter	10
11	SPL000382	Spark arrestor	10
12	BW0755	Filter cover	1
13	SPL000383	Rechargeable Li-ION battery	1
14	SPL000394	Charger 120V	1
15	SPL000392	Flame retardant corrugated air pipe 1 m	1
16	SPL000387	Flowmeter	1
17	SPL000385	Padded belt + shoulder strap	1
18	SPL000389	Black canvas bag	1

Italy
Ph. +39 0444 739800
Fax +39 0444 739899

Export
Ph. +39 0444 739900
Fax +39 0444 739999

info@trafimet.com

© 2022 Trafimet Group Spa
Edition 02/2022
Code EA1664

Distributor

Data and images are indicative and may be changed in any time without notice.