


Set includes:

- SPARTUS® Pro 901X automatic welding helmet
- air supply hose with protective sleeve
- spark shield
- 2 HEPA main filters
- 4 active carbon pre-filters
- harness
- lithium-ion battery
- charger with replaceable tips
- bag


TECHNICAL PARAMETERS
• SPARTUS® Pro 901X

Active field of view [mm]	Filter optical class	Shading (standby)	Variable welding shades (operating)	Light to dark switching time [s]	Delay control light to dark switching time [s]	Grinding	Regulations	Weight [g]
lowered filter: 100 x 65 raised filter: 165 x 72	1/1/1/1	DIN 3.5	DIN 4 - 8 DIN 9 - 13	1 / 20 000	0.2 - 1.0	yes	outside	540

• Air supply

Variable air supply speed control [l/min]	Operating time [h]	Battery type	Charging cycle	Charging time [h]	Noise level max. [dB]	Indicator light
level 1: 180 level 2: 220	level 1: 10 level 2: 9	Li-ion rechargeable	> 500	2.5	60	Optical warning and audible alarm

i INFORMATION

The **SPARTUS® Pro 901X** automatic welding helmet is designed to protect the welder's eyes and face from harmful radiation and welding spatters. It is perfect for MIG / MAG, TIG, MMA welding and grinding option.

The Pro 901X helmet has an automatic welding filter with the highest optical class - **1/1/1/1**. Perfect visibility is ensured by a large field of view - **100x65mm**. SPARTUS® Pro 901X helmet has been designed and equipped with a special **mechanism for raising and lowering the welding filter**. When lifted, the helmet's center of gravity is lower and coincides with the head's center of gravity. This reduces the welder's neck tiredness and significantly increases his comfort of work. The field of view also increases - **165x72mm**, and the welder's eyes are protected by a protective glass.

The external control makes it easy to set the filter parameters during operation without removing the helmet. Thanks to them we can control the level of darkness (DIN 4 -8 / DIN 9-13), sensitivity, delay time and switch the operating mode to grinding.



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The multi-stage adjustment of the headgear allows not only a perfect fit, but also the right distance between the filter and the welder's eyes.

Automatic welding helmet SPARTUS® Pro 901X is a product that will meet the expectations of even the most demanding welders.



Warning! The lever should be adjusted simultaneously with two hands – up (when lifting) and down (when lowering).

The **SPARTUS® Pro air supply system** guarantees clean and dry air for the welder in particularly tough, highly dusty and humid environment. The **TH3P high level of respiratory protection system** is provided with a set of replaceable filters (main HEPA, pre-filter with active carbon). The whole is protected by a spark shield. The supply air system is offered with adjustable airflow rates: 170 l/min and 220 l/min. Any airflow problems are indicated by a vibration-acoustic alarm system. The breathing hose is connected with the welding helmet's headset. This solution ensures comfort and convenience while moving around at work.

A large switch allows convenient control of the device even when wearing welding gloves. The brushless motor guarantees energy-saving and extremely quiet operation. Replaceable lithium-ion battery safeguards continuous operation longer than 10 hrs.



ACCESSORIES

NO	CODE	DESCRIPTION
1	080-10-901-ET	External polycarbonate shield [transparent]
2	080-10-901-EY	External polycarbonate shield [yellow]
3	080-10-901-F	Internal polycarbonate shield
4	080-15-001	HEPA main filters
5	080-15-003	Spark shield
6	080-15-004	Active carbon pre-filter
7	080-15-010	Lithium-ion battery