



# Cleanflex Easy

The Cleanflex Easy ionising air gun can be used for cleaning and neutralising surfaces.

It's unique features, not seen in any other ionising guns, make it very versatile to use.

Ergonomic, hand or pull down, less air consumption, low noise, better blow-off force, take a closer look at all features.

## Features

**+ 24V DC input voltage and integrated ionisation power unit**  
The CleanFlex Easy has a 24V input voltage, easily connect by a standardised M12 connector. No cumbersome high voltage cable and big transformer unit as seen in traditional ionisation guns.

**+ Lightweight**  
A Durable plastic housing and a well-constructed weight distribution make it a well balanced comfortable gun to use.

**+ Ergonomic design**  
The grip has been designed to suit women's as well as man's hands and has a soft grip and grip fixation making it very easy to hold without any muscle tension.

**+ Full hand trigger (no RSI strain on one finger)**  
The air flow is controlled with a full hand trigger, making operation very comfortable. No strain on one finger as in traditional ionisation guns.

**+ Coiled Hose optional**  
As coiled air hose with integrated 24V cable can be used for operations that have to cover a larger area. The coil expands and retracts with the movement of the operator, reducing tripping hazards.

**+ IQS-standard quick connect 8 mm hose**  
A standard 8 mm diameter air hose can be used and quickly connected to the gun without the use of tools. No hose clamps, minimising possible injuries.

**+ 70° adjustable nozzle angle**

The air flow nozzle can be set to 4 positions covering a range of 70°, making it possible to set the flow in the optimal direction for obtaining the best cleaning results and creating an ergonomic condition for the operator.

**+ Safe blow-off nozzle opening**

The nozzle opening has been constructed as a ring making it impossible to block the complete air stream when the tip accidentally touches body parts and preventing injuries due to too high air pressure. (Conform OSHA regulations)

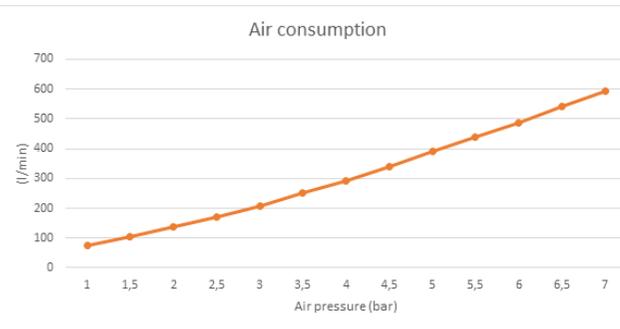
**+ Low Noise and Reduced air consumption and improved blow-off force**

A special nozzle opening design, making use of air amplification principles, enables the CleanFlex Easy to produce a very compact air stream, with low noise, reduced air consumption and improved blow-off force compared to other anti static guns.

Comparison with Simco anti-static guns (all details are @ 2 bar):

CleanFlex compared	Cobra	ES-2J
to		
Air consumption	-45%	-40%
Blow-off force	2,55 x more	1,2 x more
Noise level	- 15dB (5 times less)	- 3dB (2 times less)





### Multi application

**+** **Hand and pull down**

As well as conventional hand use, the CleanFlex Easy can also be mounted upside down with a balancer. The grip and air trigger can be held and operated in both situations.

**+** **Durable hanging positions**

At two positions, durable metal hanging openings are provided.

**+** **LED indicator**

The multi colored LED is at a good visible location and provides information about the operation state of the CleanFlex Easy.

Green, slow flashing, indicates that the gun has power and is ready for operation. (still alive mode)

Green, high brightness, continuous on, indicates that the trigger has been activated and enough air pressure is applied to be in operation.

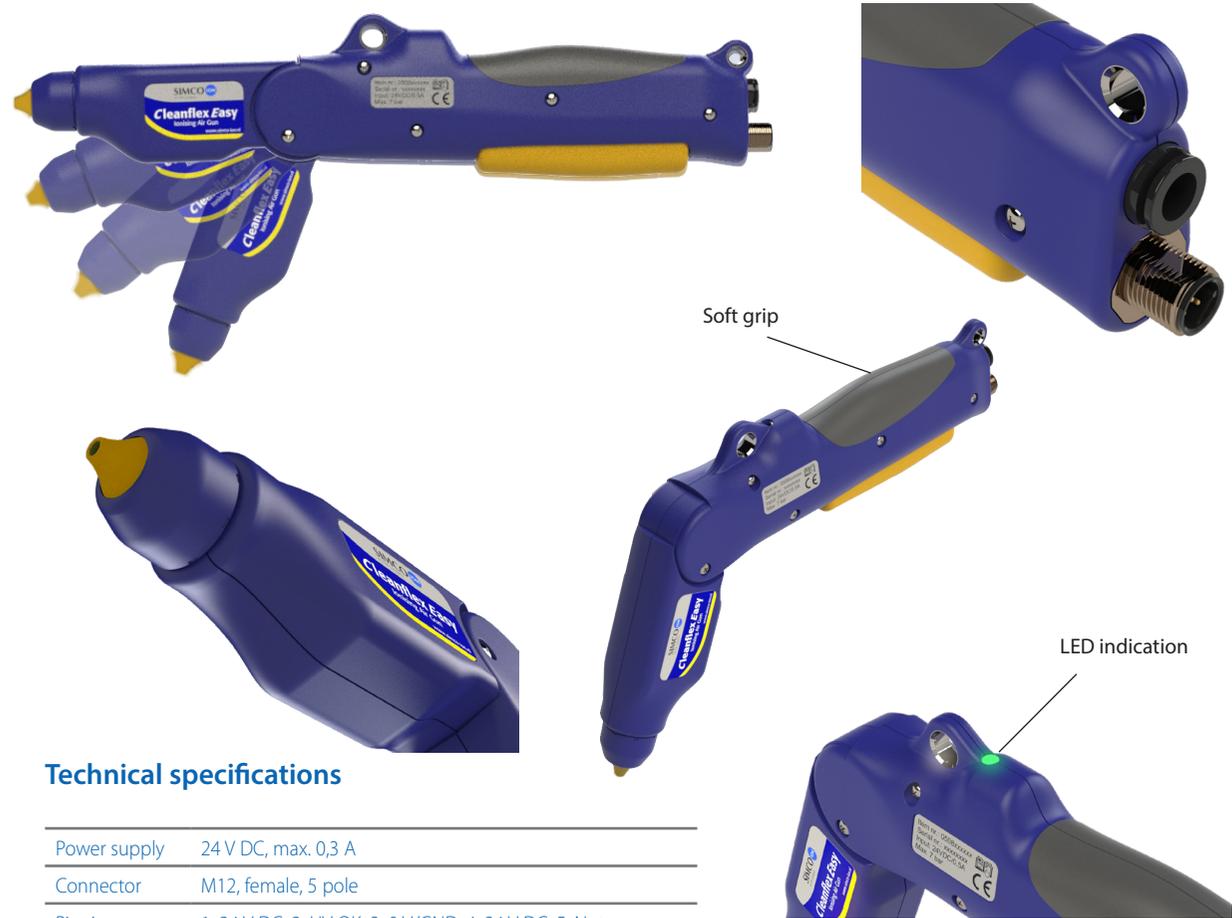
Red, a fault is detected, the ionisation is switched off.

**+** **Automatic ionisation on/off**

The ionisation is only switched on when the trigger is active and enough air pressure has been measured by an internal sensor. This provides safety, low energy usage and extends ionisation emitter life.

**+** **No silicone**

The Cleanflex Easy is constructed with materials and component that do not contain silicone. Also in the production process no materials with silicone are used, making the ionisation gun suitable for painting applications.



### Technical specifications

Power supply	24 V DC, max. 0,3 A
Connector	M12, female, 5 pole
Pinning	1: 24 V DC, 2: HV OK, 3: 0 V/GND, 4: 24 V DC, 5: Not connected
Compressed air	1-7 bar, clean and free from oil
Connection	Quick disconnect type for ø8 mm hose
LED indicator	Flashing green fast (5 Hz): Starting up Flashing green slow (1 x every 3 seconds): Stand-by (ready for operation) Continuous green: Air pressure OK and HV ON (normal operation) Red: Failure check wiring or contact Simco ION

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