

# Pro Stat-Gun

**The Pro Stat-Gun is a high performance, cordless ionising gun with IECEx certification for use in hazardous areas.**

The Pro Stat-Gun is our new model, now part of a full range offering market leading performance, service and safety.



## CERTIFICATION

- European ATEX Certificate
- UKEX Certificate
- International IECEx Certificate
- Category 1 Equipment suitable for use in **Zone 0** hazardous areas
- North American Class 1/Division 1

## PERFORMANCE

Ionising power:

- +6kV max
- -6kV max

## ESSENTIAL QUALITIES

- Intrinsically safe design
- Stainless steel ionising pins for long life and high performance
- Shockproof emitters for maximum safety
- Robust Construction

## POWER SUPPLY

- Lithium rechargeable battery
- Multi-region charger (UK/US/EU/AUS)

## Technical Data

### Construction Materials:

Polycarbonate outer casing  
Aluminium air valve  
Stainless Steel ionising pins

### Voltage Output at Pin:

Positive: 6kV Maximum  
Negative: 6kV Maximum

### Fuse Rate:

500mA (T) Anti-surge (20mm)

### Power Adaptor:

Voltage input: 100-240V, 50/60Hz 0.18A  
Voltage output: 5.0V-1.2A  
Must be positioned outside of the hazardous area

### Battery:

Lithium

### Air Supply:

14.5psi (1 bar) minimum  
142psi (9.8 bar) maximum

### Recommended Air Supply at Gun:

29psi (2 bar) minimum  
87psi (6 bar) maximum

### Air Connection:

High flow series 25 quick coupling x 1/4 BSP connector  
(fitted as standard but can be swapped out)

### Environmental:

Noise level of 77dBA and 78dBC at an input pressure of 6 bar  
(measured at a distance of 1m and at 90° to direction of air flow)

### Safety:

Shockless output safe for use in Zone 0

### Certification:

IECEx Category 1 Equipment (suitable for use in Zone 0 Hazardous Areas)

## WEIGHT AND DIMENSIONS

- 438g
- Length – 18cm
- Height – 22cm
- Width – 6.5cm

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## LABEL MARKING EXPLAINED



Explosion Protection Marking



Equipment Group

**1 G** ATEX, UKEX Category 1 Equipment, Gas Atmospheres “very high” level of protection

**Ex ia** Type of Protection, Intrinsic Safety Category 1G    **IIB** Gas group. IIB covers Ethylene

**T4** -20°C ≤ T<sub>a</sub> ≤ + 50°C Temperature class, Maximum surface temperature T4 = 135°C

**Ga** IEC Equipment Category Ga, Gas Atmospheres “very high” level of protection



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