

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
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PERFORMANCE

Ionising power:

- +6kV max
 - -6kV max
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ESSENTIAL QUALITIES

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

- Lithium rechargeable battery
 - Multi-region charger (UK/US/EU/AUS)
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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 ¼ 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:

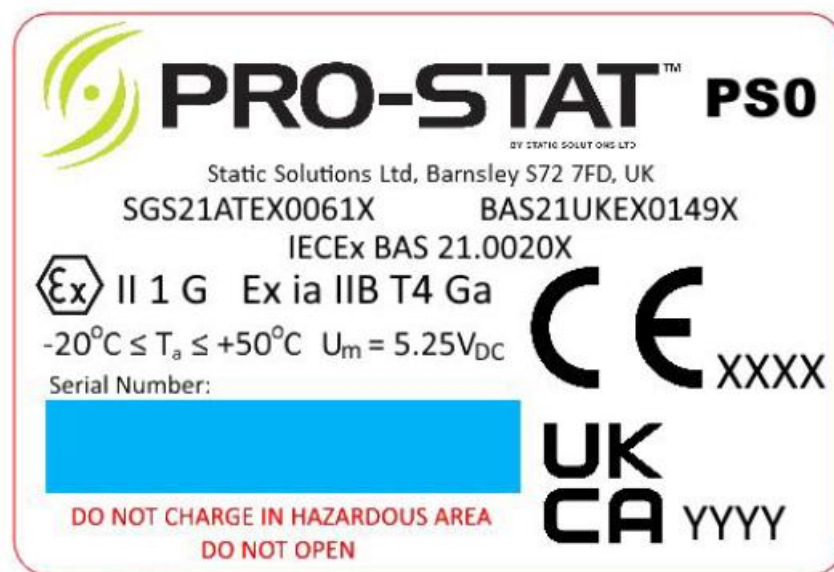
Shockless output safe for use in Zone 0

Certification:

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

WEIGHT AND DIMENSIONS

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



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 $-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ Temperature class, Maximum surface temperature $T_4 = 135^{\circ}\text{C}$

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



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