

# Stat-Gun

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

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



## CERTIFICATION

- European ATEX Certificate – Category 2 suitable for use in Zone1 hazardous areas
- International IECEx Certificate
- UKEX Certificate

## PERFORMANCE

Ionising power:

- +6.5kV max
- -5.8kV max

## ESSENTIAL QUALITIES

- Tungsten steel ionising pins for long life and high performance
- Shockproof emitters for maximum safety
- Robust Construction
- Laser Guided

## POWER SUPPLY

- Charging cradle, must be positioned in a safe zone only
- Lithium-ion rechargeable battery
- Multi-region charger (UK/US/EU/AUS)

### Technical Data

**Construction Materials:**

Polycarbonate outer casing  
Aluminium air valve  
Tungsten ionising pins

**Voltage Output at Pin:**

Positive: 6.5kV Maximum  
Negative: 5.8kV Maximum

**Fuse Rate:**

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

**Power Adaptor:**

Voltage input: 100-240V, 50/60Hz .5A  
Voltage output: 5.0V-3.0A  
Must be positioned outside of the hazardous area

**Battery:**

Li-ion

**Laser:**

Red dot laser, Class II, <1mW output, 2 x 3.7V, 650nm

**Air Supply:**

14psi (1 bar) minimum  
142psi (9.8 bar) maximum

**Recommended Air Supply at Gun:**

29psi (2 bar) minimum  
87psi (6 bar) maximum  
Typical air consumption for continuous use = 150L per min

**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:**

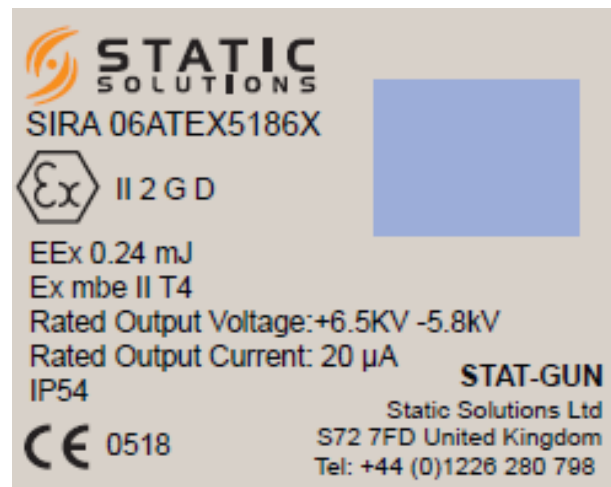
Shockless output safe for use in Zone 1

**Certification:**

ATEX Category 2 Equipment (suitable for use in Zone 1  
Hazardous Areas)

## WEIGHT AND DIMENSIONS

- 820g
  - Length – 27cm
  - Height – 25cm
  - Width – 10cm
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## LABEL MARKING EXPLAINED

	Explosion Protection Marking	<b>II</b>	Equipment Group
<b>2</b>	Category: 2 (for Zone 1 and 2)	<b>G</b>	Type of Explosive Atmosphere, G for Gas
<b>D</b>	Type of Explosive atmosphere, D for Dust	<b>EX mb</b>	Protection concept, encapsulation
<b>T4</b>	Temperature Class: Max temp 135°C		Conformity Marking

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