

# 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

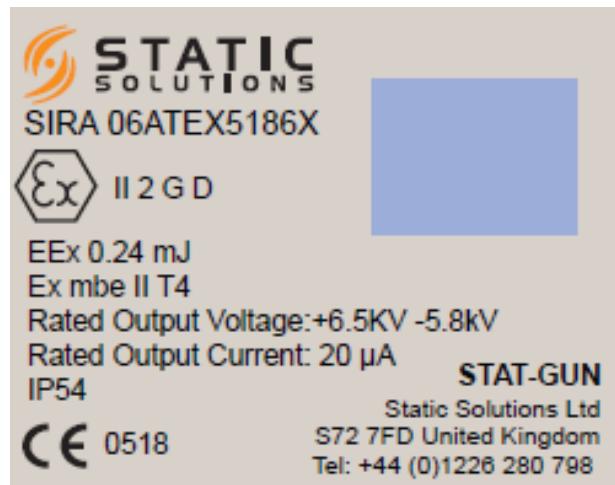
#### Certification:

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

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