

## PRODUCT DATA

### MODEL 251 Ion Gun



Feature	Benefit
Ergonomically contoured body profile, light trigger action and low noise levels	Comfortable for repetitive use
Easily replaceable titanium emitters	Reduced downtimes for maintenance
Rapid decay times	Efficient static charge neutralisation
High blow-off force	Effective removal of contaminants
Low air consumption	Improved economics
Two styles of moulded hanging hook	Easy workplace storage and access
For use with compressed air or nitrogen	Suitable for a range of cleanroom operations

#### Technical Characteristics

Body	FR ABS
Length	190 mm
Weight	0.16 kg
Max air pressure	Not to be used above 7 bar (100 psi) Recommended pressure 1.5 - 4 bar (20 - 60 psi)
Noise level (1m)	72 dBA at 1.5 bar (20 psi)
Emitters	Machined titanium (replaceable)
Operating voltage	8 kV DC nominal (Model 233v3)
Decay time (1000V to 100V)	Typically less than 0.5 sec at 150 mm and 2 bar; Both +ve & -ve
Ion balance	+/- 10 V at set up
Ozone	Less than 0.01 ppm

#### Description

Meech's Model 251 Ion Gun is a robust, lightweight injection moulded product for use with the Model 233 Pulsed DC Controller. It is suitable for contamination blow-off and neutralisation of static charges in electronic applications and cleanroom environments. It is quick, easy and safe to use. Supplied with 2 metres of cable as standard.

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