

PRODUCT DATA

MODEL 251 Ion Gun



Feature

Ergonomically contoured body profile, light trigger action and low noise levels

Easily replaceable titanium emitters

Rapid decay times

High blow-off force

Low air consumption

Two styles of moulded hanging hook

For use with compressed air or nitrogen

Benefit

Comfortable for repetitive use

Reduced downtimes for maintenance

Efficient static charge neutralisation

Effective removal of contaminants

Improved economics

Easy workplace storage and access

Suitable for a range of cleanroom operations

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.

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

251/11-05/08

Meech International

2 Network Point
Range Road, Witney
OX29 0YN, UK

Tel: +44 (0) 1993 706700
Fax: +44 (0) 1993 776977
email: sales@meech.com