

242 Ion Bar



Product Code: A242

The 242 Ion Bar delivers powerful, long range ionisation to control static electricity on assembly benches, and ESD applications.

Using reliable pulsed DC technology, the 242 delivers industry leading ionisation performance. Its great long range ability makes it ideal for use on applications such as phone and PC assembly or repairs. In most installations, complete static control can be achieved without the need for air assistance. Meech's ever reliable titanium emitter system gives extra-long service life. Resistive coupling makes the bar shockless to touch and safe for operators to handle. The design has been optimised to reduce the effects of contamination and to allow easy maintenance.

Features

Benefits

Powerful long range ionisation	Excellent static control on modern, fast machinery
Rigid profile	Minimises the number of mounting points required
Resistive coupling	Safe for operators to handle
Titanium emitter pins	Continue to give good ionisation after years of use
'T' slot mountings	Provides complete flexibility of mounting points

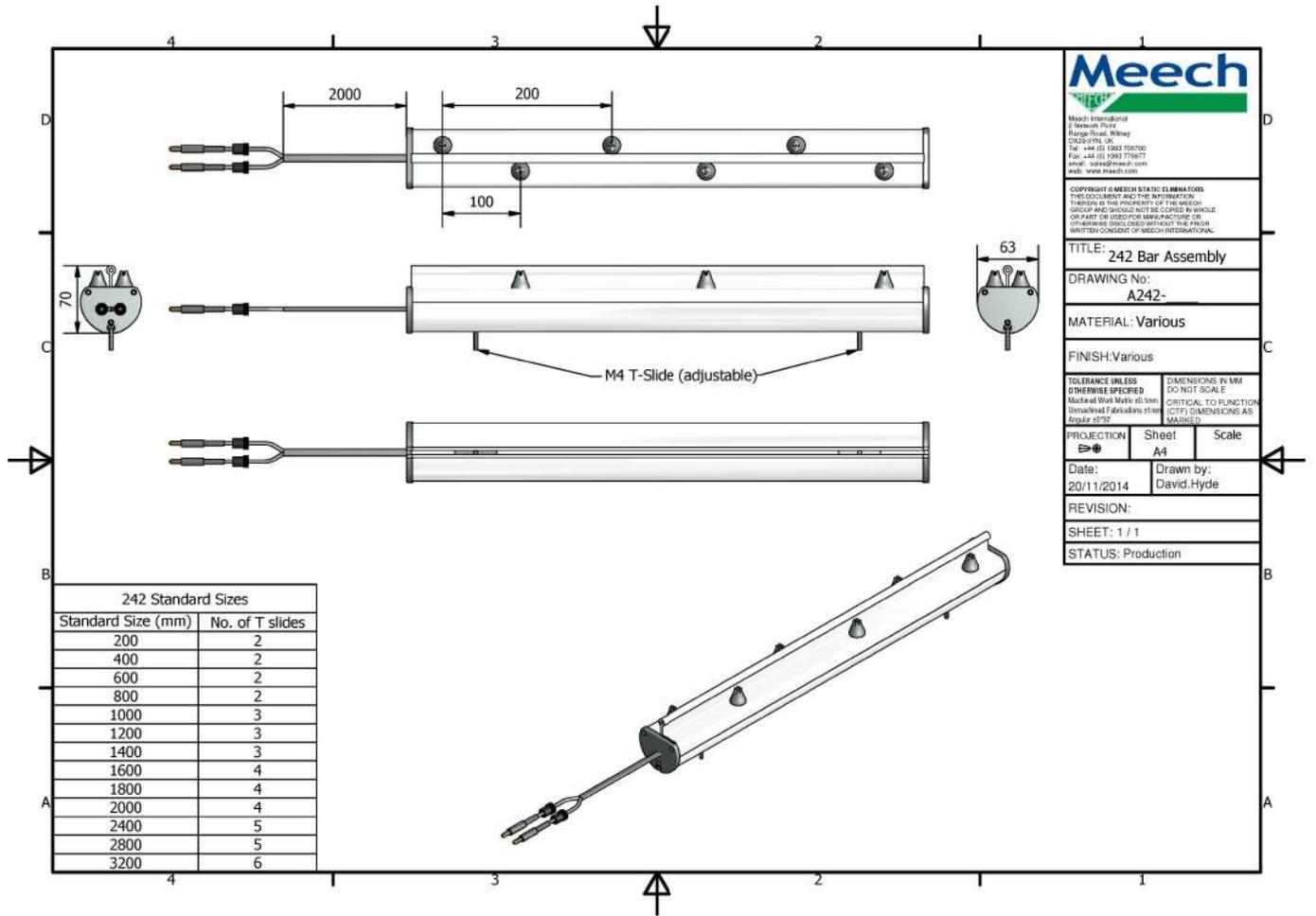
Technical Characteristics

Dimensions (cross section) (mm)	63 x 72 x see length
Dimensions (Length) (mm)	400-3200 in 200mm sections
Pin dimensions	200mm pin pitch
Weight	1.2kg/metre
Construction	FR ABS
Mounting	T slot with M4 x 20 studs
HT Cable	Twinned TV20
Cable length	2m standard
Connection	20kV HT Grey plug
Emitters	Sharp titanium pins
Power supply	977CM, 233v3
Output voltage	up to 10kV
Operating Range	150-750mm
Air pipe connection	6mm Push fit
Maximum air pressure	4 Bar
Compressed Air consumption	4cfm per 1000mm @ 1 bar

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Product Data Sheet

Published Date: 28.02.2017



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TITLE: 242 Bar Assembly

DRAWING No: A242-

MATERIAL: Various

FINISH: Various

TOLERANCE UNLESS OTHERWISE SPECIFIED
Machined Work: Min 0.1mm
Unmachined Castings: to BS 2769

DIMENSIONS IN MM
DO NOT SCALE
CRITICAL TO FUNCTION
ACCEPT DIMENSIONS AS
MARKED

PROJECTION 	Sheet A4	Scale
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Date: 20/11/2014 Drawn by: David Hyde

REVISION:

SHEET: 1 / 1

STATUS: Production

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