

Hyperion 971IPS-30 Extra Long-Range Pulsed DC Ionising Bar



Product Code: A971IPS-30

The Meech 971IPS-30 Extra Long-Range Pulsed DC Ionizing Bar is the latest addition to the Meech Hyperion Range.

The 971IPS-30 is powered by an integrated +/- 30kV 24V DC power supply, making it the most powerful ionizing bar in Meech's range.

The 971IPS-30 is suitable for ultra-long range applications from 450 to 1500mm.

Equipped with Meech's Ion Current Monitoring (ICM) technology, beam performance is maintained with local and remote alarms indicating when the beam needs cleaning. The Hyperion BarMaster remote programmer can also be used to adjust the frequency and balance of the bar, optimizing it for each application.

Product Data Sheet

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Features & Benefits

Optimum working distance	450-1500mm suitable for long reach applications such as slitter rewinders, transit bag machines and turret rewinders.
Low voltage wiring	Requiring a 24V DC power supply eliminates the need for high-voltage wiring to the ionization strip.
Integrated power supply (IPS)	The integrated power supply delivers +/- 30kV pulsed DC.
Adjustable output	Frequency and balance can be adjusted with the optional BarMaster programmer.
Air Boost (air amplification)	Additional performance can be achieved through the use of integrated air support.
Adjustable Clean Pin Warning Signal	Meech Ion Current Monitoring (ICM) technology detects when the 971IPS-30 needs cleaning. An LED on the bar alerts operators when cleaning is required. This ensures peak performance is maintained.
Removable titanium emitters	Emitter pin assemblies are designed to be easy to clean and replace, allowing the 971IPS-30 to maintain performance for many years.
Remote signal	An output signal will be activated when the bar needs cleaning or a fault is detected. In this way, operators will be remotely notified when the bar needs to be serviced.

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Technical Characteristics

Dimensions (WxH)	63mm x 70mm (maximum length 3920mm)
Weight	1.2kg/metre
Construction	FR ABS
Mounting	Socket 'T' with M4 x 20mm pins
Emitters	Sharp titanium pins
Input voltage and current	24V DC (21-27V DC) Max 625mA
Output voltage	+/- 30kV pulsed DC
Output frequency	Default setting: 1HzAdjustable with BarMaster from 0.5-9.5Hz.
Environmental protection	IP64 rated
Baseline balance	Default: 60% positive, 40% negative (adjustable with BarMaster)
Maximum ambient temperature	60°C
Compressed air connection	6mm pressed
Air consumption	4cfm per 1000mm at 1 bar
Certificate	CE

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