

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



**Product Code:** A9711PS-30

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

The 971IPS-30 is powered by a +/- 30kV 24V DC Integrated Power Supply (IPS), making it the **most powerful ionising bar in the Meech range.**

The 971IPS-30 suits very long-range applications with an **operating distance of 450 to 1500mm.**

Featuring Meech's Ion Current Monitoring (ICM) technology, the performance of the bar is maintained with local and remote alerts indicating when the bar needs cleaning. The Hyperion BarMaster Remote Programmer can also be used to adjust the frequency and balance of the bar, optimising it for any application.

# Product Data Sheet

Published Date: 09.03.2021



## Features & Benefits

<b>Optimum Working Distance</b>	450-1500mm suitable for long range applications, such as slitter rewinders, wicket bag machinery and turret winders.
<b>Low Voltage Wiring</b>	Requiring a 24V DC supply removes the need for high voltage wiring to the ionising bar.
<b>Integrated Power Supply (IPS)</b>	The integral power supply provides +/- 30kV pulsed DC.
<b>Adjustable Output</b>	Frequency and balance can be adjusted with an optional BarMaster programmer.
<b>Air Boost</b>	Additional performance can be gained by using the integral air boost.
<b>Adjustable Clean Pin Alert</b>	Meech Ion Current Monitoring (ICM) technology detects when the 971IPS-30 needs to be cleaned. The LED on the bar alerts operators of the need for cleaning. This ensures peak performance is maintained.
<b>Removable Titanium Emitters</b>	The emitter pin assemblies are designed to be easy to clean and replace, allowing the 971IPS-30 to maintain performance for many years.
<b>Remote Signal</b>	An output signal will activate when the bar needs cleaning or a fault has been detected. This will alert operators remotely to attend the bar.

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Meech International

UK: +44 1993 706 700  
Hungary: +36 27 535 075

US: +1 330 564 2000  
China: +86 400 820 0102

Belgium: +32 8067 0204  
India: +91 (0)7030938211

Singapore: +65 65918859

email: [sales@meech.com](mailto:sales@meech.com)  
web: [www.meech.com](http://www.meech.com)

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## Technical Characteristics

<b>Dimensions (WxH)</b>	63mm x 70mm (Maximum Length 3920mm)
<b>Weight</b>	1.2kg/metre
<b>Construction</b>	FR ABS
<b>Mounting</b>	'T' Slot with M4 x 20mm studs
<b>Emitters</b>	Sharp Titanium Pins
<b>Input Voltage and Current</b>	24V DC (21-27V DC) Max 625mA
<b>Output Voltage</b>	+/- 30kV pulsed DC
<b>Output Frequency</b>	Default Setting: 1HzAdjustable with BarMaster from 0.5-9.5Hz
<b>Environmental Protection</b>	IP64 as standard; IP65 upon request
<b>Output Balance</b>	Default: 60% Positive, 40% Negative (Adjustable with BarMaster)
<b>Max Ambient Temperature</b>	60°C
<b>Air Boost Connection</b>	6mm push-fit
<b>Air Consumption</b>	4cfm per 1000mm at 1 bar
<b>Certifications</b>	CE

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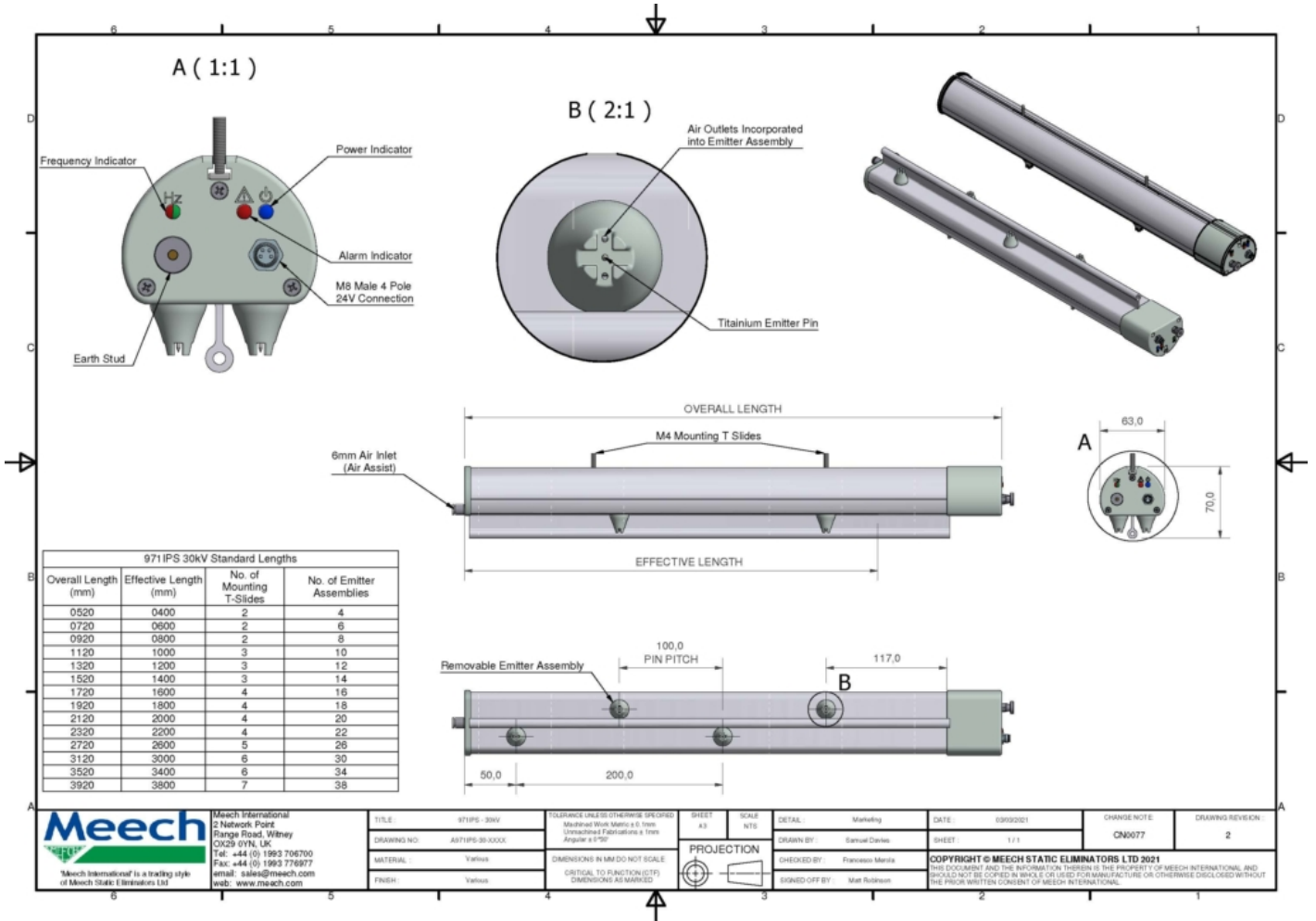
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