

Hyperion™ 314IPS Hygienic Ionising Bar



Product Code: 314IPS

The Hyperion™ 314IPS Hygienic Bar reliably controls static charges, particularly in short-range sterile applications. Firstly, its smooth, fully-sealed design reduces the risk of dirt and contamination collecting in the bar, benefiting industries where hygiene is critical.

Additionally, the 314IPS's main body and base are PTFE, complying with GMP (Good Manufacturing Practice) guidelines and meet FDA and EU-compliant food-contact standards.

Furthermore, IP67 certification allows the 314IPS to operate in wash-down areas whilst protecting against dust and high-pressure water jets.

Finally, the 314IPS shares the same ionisation and technical features of our popular Hyperion range and works with our [SmartControl Touch](#) and [BarMaster Programmer](#) for performance optimisation.

Product Data Sheet

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Features & Benefits

Hygienic & Sterile Area Use	PTFE design for hygienic and sterile areas. Meets FDA and EU food contact standards.
LED Status	LEDs indicate status of bar and whether it needs cleaning.
IP67 Constructed	IP67 constructed for wash-down & dust protection. Ensure the bar is fully dry before use.
Dual Alarm Signals	Dual alarm signals for PLCs, buzzers and remote lamps.
Titanium Emitters	Titanium and resistively coupled for shockless operation and extremely low wear rates.
Low Voltage Wiring	Powered by 24VDC and connects via M8 connector and 5m lead for easy installation.
Shockless Emitters	Resistively coupled for shockless operation.
Adjustable Settings	Adjustable voltage, frequency & balance output via BarMaster or SmartControl .

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Technical Characteristics

Construction	PTFE with titanium emitters.
Electrical Input	24VDC (21-27VDC). Maximum current required 500mA. M8 4-pole connector.
Dimensions	25mm x 38mm (W x H). Available lengths: 240, 360, 560 & 920mm.
Environmental	60°C. IP67. (Max. short-term non-operating temperature = 70°C).
Weight	1.54kg/metre.
Certification	CE.
Output Voltage	Adjustable (3 to 7.5kV) via BarMaster or SmartControl .
Mounting	2 x M5 x 6mm female locations.
Output Frequency	Default setting: 20Hz, adjustable via BarMaster or SmartControl .
Optimal Operating Range	20-150mm.
Output Balance	Default 54:46 Pos:Neg, adjustable via BarMaster or SmartControl .
Relative Humidity	Maximum 85% RH, non-condensing.
Alarm Input/Output	Two PLC-compatible signals ('Alert' and adjustable 'Fault/Standby') with LED status.
Options	24VDC Power Supply , SmartControl™ and BarMaster .

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