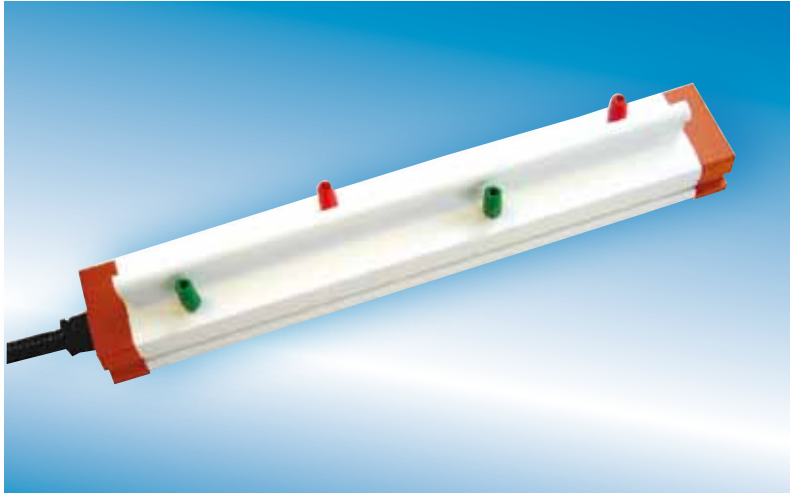


976 EX

Pulsed DC Bar (For Hazardous Areas)



The Meech Model 976Ex is unique and has been designed to extend the exceptional performance and other benefits of the 976 Pulsed DC system to classified hazardous environments. It is particularly suited to coating, laminating, finishing and gravure printing applications. The 976Ex is certified by Baseefa to comply with Article 9 of the Council Directive 94/9/EC (ATEX).

The 976Ex bar is powered by a Model 977v3 Controller located outside the classified EX zone and its performance can be further enhanced by incorporation of a Model 986 Feedback System (refer to separate datasheets).

976Ex/03/EN/-11/09

Technical Characteristics

Dimensions	50mm x 50mm x length (up to 4000mm)
Weight	400g per 300mm length
Construction	FR ABS extrusion
Mounting	M4 x 20mm studs into "T" slots
HT Cable	5m shielded in flexible conduit; longer lengths can be ordered
Emitters	Titanium (replaceable)
Operating voltage	Up to 10kV DC
Operating current	Less than 50 μ A

Certificates

EC Type Examination Certificate
No.: Baseefa04ATEX0348X



II2 GD: EEx m IIB, T6. $[-20^{\circ}\text{C} \leq T_{\text{amb}} \leq 35^{\circ}\text{C}]$ (Zone 1 & 2)

Feature

Benefit

Fast, long range performance (up to 600mm without air resistance)	Flexibility in positioning. Effective at faster web speeds.
Unique profile & emitter layout	Reduced ion recombination & enhanced performance
Resistively coupled emitter pins	Shockless, thereby enhancing operator safety
Sharp titanium emitter pins	Reduced pin contamination & longer effective life
Removable & replaceable emitter pins	Reduced downtime for maintenance. System efficiency maintained without total replacement and life of bar is substantially lengthened
Easy wipe casing	Reduced dust contamination, easy maintenance & sustained performance
Unique "T" channel mounting system	Simple & quick installation
Air boost option	Enhanced range (up to 1200mm) and speeds

Product shown in this document may be covered by one or more patents, patents applied for and/or registered designs and/or trade marks. For further information please refer to our Head Office or visit www.meech.com.

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