



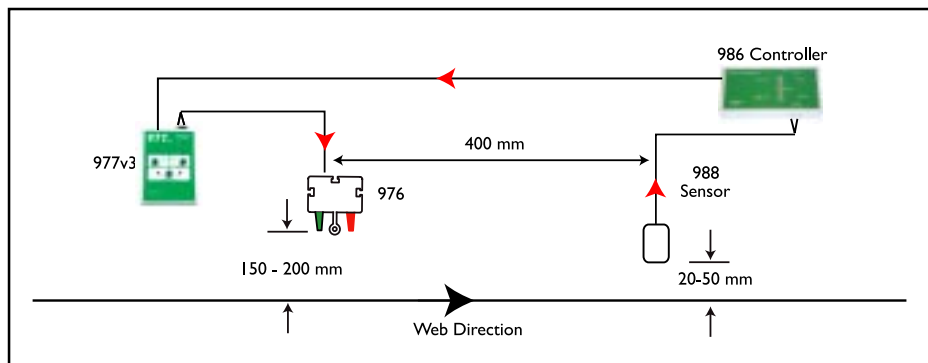
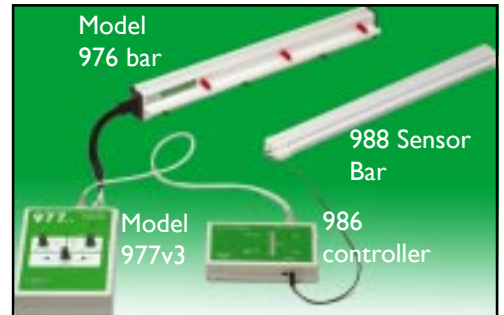
MODEL 986 Pulsed DC Feedback System

986/3-4/05

Description

The Model 986 DC Feedback System works in conjunction with a 976 ionising bar and 977v3 controller (refer to separate product datasheets). The Feedback System comprises three components (a 988 sensor bar, a 986 feedback controller and a connection cable) and has been developed to:

- ❑ Provide a closed loop signal to the 977v3 controller so that its outputs are adjusted to optimise static charge removal.
- ❑ Monitor and display the performance of the associated Pulsed DC ionisation system.
- ❑ Provide outputs and alarm signals for data logging of system performance.



Feature	Benefit
Automatic system control	Instant reaction to changing process conditions to optimise system performance. No manual adjustments necessary after set-up.
Closed system (by isolation of the 977v3 controls)	Prevents accidental or unauthorized adjustment.
Illuminated bar graph display	Provides easy indication of magnitude and polarity of residual static charge
Output terminal for data logging	Allows output to a Factory Management System or similar for real time continuous monitoring. Provides historical data for quality control records and QA certification.
Output for alarm	Allows output to a visual/audible alarm system at remote locations.

Technical Characteristics	
Power input requirements	Supplied from 977v3 Controller
Dimensions (controller)	157mm(length) x 110mm (height) x 35mm (depth)
Dimensions (sensor)	36mm (height) x 25 mm (width) x variable length
Weight (controller)	0.2 Kgs
Display	20 segment bar graph
Connection to 977v3	8 pin DIN
Connection to sensor	BNC
Connection for data logging	8 pin DIN
Maximum temperature	60°C

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