

# 977CM

## Current Monitoring Pulsed DC Controller



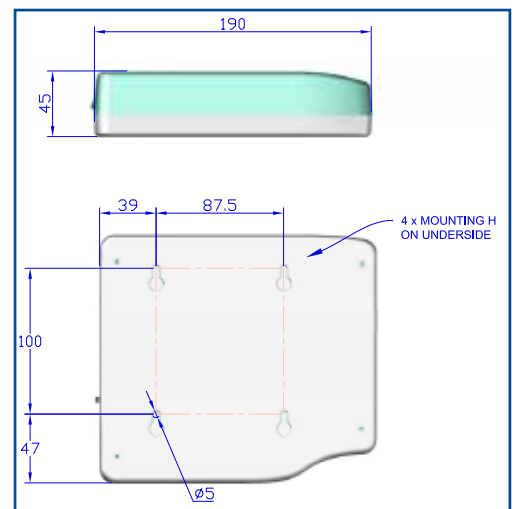
The 977CM - Current Monitoring Pulsed DC Controller, brings together powerful long-range ionisation; closed-loop feedback; self-monitoring and remote reporting. A complete package, unique to Meech.

Self-monitoring and adjustment of performance allows optimum control of static for much longer periods than previously possible. Local display and output signals alert operators to the need to clean the equipment.

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### Technical Characteristics

Dimensions (W x H x D)	190mm x 170mm x 45mm
Weight	600 g
Enclosure	ABS; fire retardant - UL94: V0
Maximum Temperature (LCD)	45° C
Input voltage	100 V - 250 V AC
Input current	40 mA maximum
Input frequency	45 - 65 Hz
Input connection	IEC Socket C13
Output voltage	up to 15kV
Output frequency	1Hz - 20Hz
Output balance	20/80 to 80/20 Positive/Negative



### Feature

### Benefit

15kV Maximum Voltage	Capable of controlling charges on the fastest of machinery. User settable "Start" voltage up to 12kV
Ion current monitoring and control	Maintains optimum performance for longer periods, by increasing Voltage to 125% of start voltage (i.e 12kV → 15kV)
20/80 to 80/20 balance adjustment	Charges of either polarity neutralised equally well.
LCD display	Clear indication of real time performance and system settings
Customer adjustable alarm setting	The need for maintenance is clearly signalled before quality issues arise.
Integral feedback	Simplifies and reduces overall cost of "Closed Loop" feedback installation.
Internal switchmode power supply	Accommodates all standard AC supplies worldwide.
Remote on/off	Allows simple interlocking with the machine's running state
Software Lock out	Prevents unauthorised adjustment
Analogue Outputs	Easy remote logging of performance and residual balance.

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