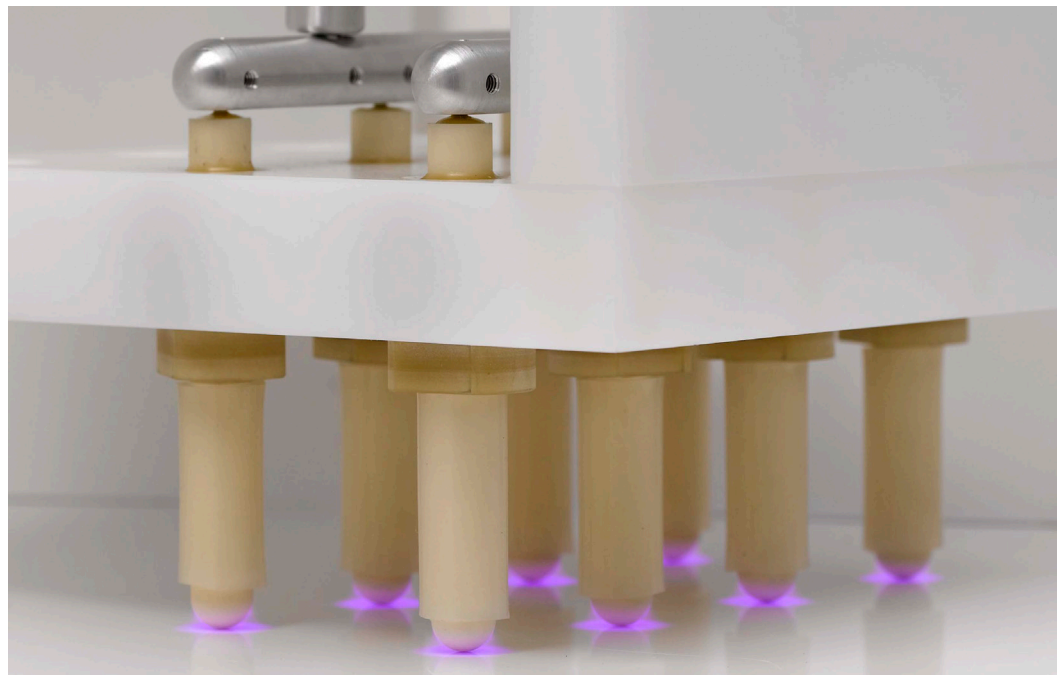


MonTEC Single Electrode Performance Monitoring System

FEATURES:

- Full quality control
- Scrap reduction
- Single module
- Live monitoring



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MonTEC is an advanced system for Tantec's corona and plasma treaters that monitors the discharge performance from each individual treatment electrode.

A MonTEC system employs single transmitter modules powered by the applied high-voltage to the treatment electrodes, transmitting discharge data to the receiver module.

The MonTEC provides real time data and offers full control and traceability of treatment parameters. The measured data is easily transferred to a main PLC or data logging device.

Why integrate MonTEC?

More and more high quality products hit the market every day. To ensure the same quality of products every time it is necessary to have Quality Control Measures to ensure a given level of treatment. Real-time measurement of the high voltage power output from individual electrodes is a common request among customers. With the MonTEC system it is possible measure real time power data.

Big advantage

Users of the MonTEC are customers manufacturing high end products with high quality demands, such as medical device manufacturers, automotive and other quality drive industries.

Full quality control

Allows monitoring of discharge level at all times.

Scrap reduction

As the system will provide an instant alarm in case of discharge variations.

Communication

Digital interface through modbus TCP, to connect with central PLC or any data logging device.

Technical Specifications	Transmitter Module	Receiver Module - single	8 UP
Voltage Range	Max 40Kv	24V (Max 28V)	24V (Max 28V)
Ramp up time	1mA <40 ms 25mA <1ms.	1 ms	-
Shut down time	< 1 ms	< 1 ms	-
Dimension, mm	75x20x36	77x23x45	135 x 77 x 41
Operating temperature	10-50° C	10-50° C	10-50° C
Air humidity	Max 80% RH non condensing	Max 80% RH non condensing	Max 80% RH non condensing
IP Rating	IP60	IP20	IP20