

# Model 2100 Series AirStat Bar Ionizer



## ➤ FEATURES

- Pulsed DC Ion Emissions
- 3 Digit FND Display
- LED & Audio Alarms for Cleaning
- IR Remote Controller

## ➤ BENEFITS

- User Adjustable Output Parameters
- Very High Ion Density
- Operate with Laminar Air Flow
- Low Operating Cost

## ➤ APPLICATIONS

Core Insight's AirStat Digital Control Model 2100 is designed for in-tool ionization in Semiconductor Wafer Process and FPD working environment. High ion output current can allow fast discharge time. Digital control system have adjust accurate power output and feedback monitoring capability. Model 2100 provide efficient ionization in mini-environments.

AirStat Model 2100 is designed for tool integration and open environment. User can change output parameters through remote controller with FND display by 100V resolutions. It allows you adjust alarm levels or high voltage power failure levels. With audio, LED and output alarm, users can recognize it failure status or cleaning cycle time precisely.

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## Specification

|                       |  |
|-----------------------|--|
| Input Voltage         | 24VDC, 3W Maximum  |
| Output Voltage        | ±7kV DC, 100V Adjustment   |
| Ion Emission          | Pulsed DC Technology   |
| Balance               | Adjustable for each applications   |
| Emitter point         | Tungsten 99.99%  |
| Timing                | 0.1 ~ 99.9 sec for each polarity<br>0.1 sec resolution adjustment  |
| Display               | 3 Digit FND  |
| Control               | High voltage output and timing adjustment for each polarity  |
| Alarm                 | Visual (LED) : clean, HVP fail alarm<br>Visual (FND) : interlock alarm<br>Audio (Buzzer) : HV power fail, cleaning and interlock |
| Output Monitoring     | Relay output (Normal short type)   |
| Material              | Enclosure : ABS, Emitter Points: Polycarbonate<br>Bracket : Polycarbonate  |
| Operating Environment | Temperature : 15~35°C / Humidity : 35~75% RH   |
| Dimensions            | 124H x 50D x L(800, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000 )   |
| Option                | IR remote controller   |
| Warranty              | Limited 1 Year   |

## Option



## Emitter Point Replace



## Model 2100 Part Numbers

| Size(mm) | Part Number     |
|----------|-----------------|
| 800      | Model 2100-800  |
| 1000     | Model 2100-1000 |
| 1200     | Model 2100-1200 |
| 1400     | Model 2100-1400 |
| 1600     | Model 2100-1600 |
| 1800     | Model 2100-1800 |
| 2000     | Model 2100-2000 |

## Product Length and Detail Size(mm)

