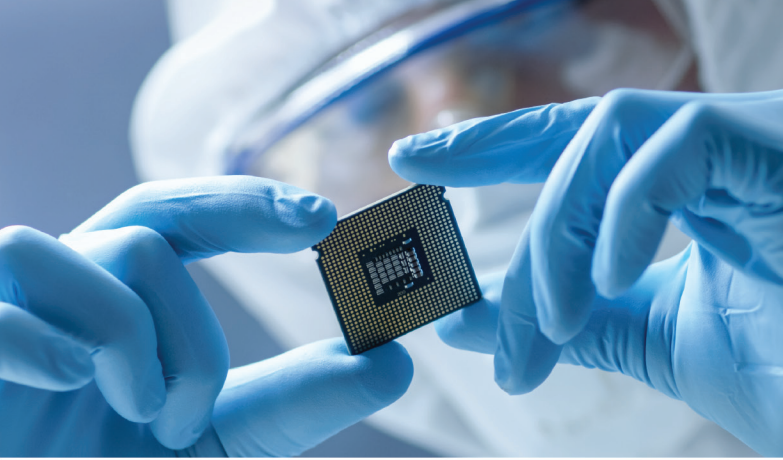


Precision RF Measurement Solutions



Enhance Process Monitoring and Control

With Precision RF Measurement

Bird RF Power Sensors, the semiconductor industry standard for decades, provide the highest performance, best in class measurement of laboratory and production RF sources. Ranging from 0.5% to 3% accuracy, these NIST-traceable RF power sensors provide the means to monitor RF power delivery and gain control of process variability.

These highly accurate RF sensors have also been integrated into turnkey calibration carts that enable effortless transport of sensitive calibration equipment, reducing cost of ownership.

Building upon the foundation of Bird sensors, the Inline VI Probe System provides a higher degree of insight into complex processes such as material deposition and etching within plasma chambers. Measuring voltage, current, and phase after the RF matching network enables improved monitoring of the RF energy delivered and reduced inconsistency between tools.

CALIBRATION CARTS

Calibration Carts, suitable for clean room environments, are an integrated turnkey solution to minimize calibration variation, maintain a high level of accuracy and provide effortless transport of sensitive equipment.



Multi-Sensor
MSCC7 SERIES



High Power
SCC8 SERIES



Single Sensor
SCC7 SERIES

PRECISION POWER SENSORS

An industry standard for over 20 years, the Bird RF power sensors provide highly accurate, NIST-traceable, in-line power measurements for continuous wave RF.



1% Precision
4027A SERIES



3% Wideband
4020 SERIES



2% High Power
4028 SERIES



1% Precision, Filtered
4027F SERIES

PRECISION CONTINUOUS WAVE (CW) AND PULSE POWER SENSORS

These sensors measure both CW and pulsed RF power with exceptional accuracy across their entire RF power dynamic range.



1% Precision RF
7027 SERIES



0.5% Precision RF
7037 SERIES

MULTIFUNCTION POWER METER

When paired with RF sensors, the 4421A Power Meter delivers critical RF parameters such as RF power, VSWR, Reflection Coefficient, etc.



4421A POWER METER

IN-LINE VI PROBE SYSTEM

BDS2 is an in-line RF voltage, current, phase, impedance, and harmonics diagnostic system used in non-50 ohm applications. The VI Probe measures all RF power parameters and can be installed in harsh temperature environments.



bds
Bird Diagnostic System



The RF Experts

Since 1942, Bird has been developing and manufacturing cutting-edge, high power RF sensors, test equipment, and RF coverage products that engineers, field techs, and manufacturers worldwide, rely on for accuracy, precision, and dependability. Bird continues to innovate precision and performance products for public safety, cellular, semiconductor, military, aviation, broadcast, and medical markets.

Bird remains as committed today as we were in 1942 to a continuous improvement culture, innovative products that please our customers, and a dedication to advancing RF for tomorrow's applications.

All Bird products can be serviced and calibrated by the Bird Service Center (BSC). Bird Service Centers and Service Partners are located World Wide providing a full range of service and support for your Bird Products.



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