

PRECISE MAGNETIC MEASUREMENT FOR CONSUMER ELECTRONICS



SENIS magnetometers ensure the safety, EMC compliance and performance of magnets and magnetic components in today's smart, connected devices.



-  **ENSURE EMC COMPLIANCE**
Verify magnetic emissions to meet international EMC standards.
-  **ENSURE SAFETY**
Prevent interference with sensitive components and protect end-users.
-  **OPTIMIZE PERFORMANCE**
Measure and control magnetic properties for peak device performance.
-  **IMPROVE YIELD**
In-line monitoring reduces defects and ensures consistent quality.

APPLICATIONS IN CONSUMER ELECTRONICS



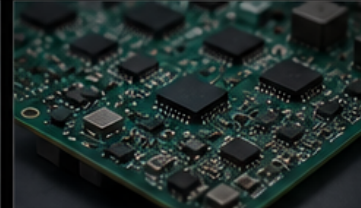
SMART PHONES
Test and monitor magnets in speakers, haptics, cameras, wireless charging and MagSafe alignment.



SMART WATCHES & WEARABLES
Ensure reliable operation of haptic motors, heart rate sensors, compasses and charging systems.



WEARABLE AUDIO DEVICES
Measure magnets in micro speakers, drivers and ANC systems for optimal sound and noise cancellation.



ELECTRONIC PCBs
Verify inductors, transformers, relays, connectors and other magnetic components on PCBs.



WIRELESS CHARGING MODULES
Characterize magnetic materials and alignment for maximum charging efficiency.



HAPTIC MOTORS & ACTUATORS
Test magnetic flux density and uniformity for consistent haptic feedback and user experience.

SENIS MAGNETOMETERS FOR PRODUCTION TEST & MONITORING



PRODUCTION TEST & MONITORING WORKFLOW



KEY BENEFITS FOR MANUFACTURERS

-  **EMC COMPLIANCE & SAFETY**
-  **HIGH ACCURACY & RELIABILITY**
-  **HIGHER YIELD & LOWER COSTS**
-  **FASTER TIME TO MARKET**
-  **EASY INTEGRATION INTO PRODUCTION**



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Engineering precision. Ensuring safety. Optimizing performance.



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