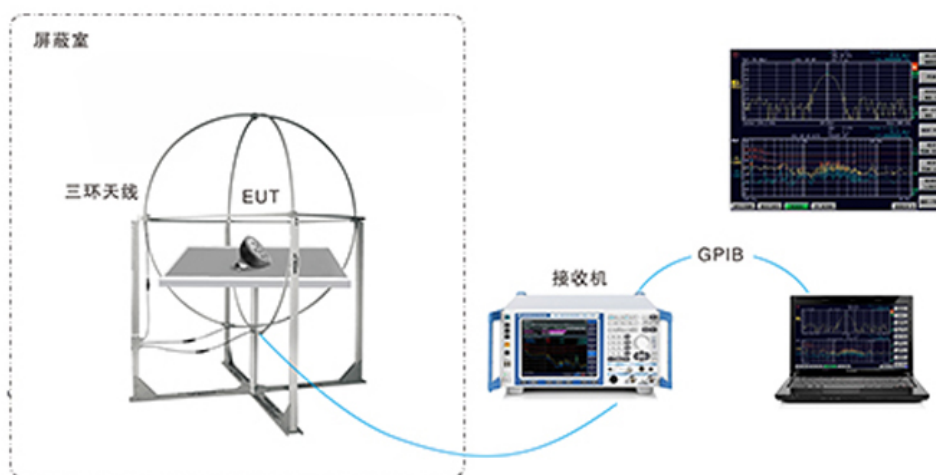


## EMI-3000 传导-辐射电磁场骚扰测试系统

### EMI-3000 Conducted Radiated Electromagnetic Field Disturbance Test System

对于照明灯具等可能产生低频磁场的设备，需要采用CISPR16-1-4规定的环形天线测量其9kHz~30MHz低频磁场辐射骚扰。EMI-3000是专用于照明设备磁感应电流测试的辐射骚扰测试系统，主要由三环天线和EMI接收机组成。三环天线将X方向、Y方向、Z方向低频磁场分量转换为RF信号，并通过同轴开关切换三个通道，输送到EMI接收机进行测量。该系统可完成传导骚扰测试、CDN法辐射骚扰测试和磁感应电流测试。测试需在屏蔽室内进行。

For lighting fixtures and other equipment that may generate low-frequency magnetic fields, it is necessary to use the ring antenna specified in CISPR16-1-4 to measure its 9kHz~30MHz low-frequency magnetic field radiation disturbance. EMI-3000 is a radiation disturbance test system specially used for magnetic induction current test of lighting equipment, which is mainly composed of three loop antenna and EMI receiver. The three loop antenna converts the low frequency magnetic field components in X direction, Y direction and Z direction into RF signals, switches three channels through the coaxial switch, and transmits them to the EMI receiver for measurement. The system can complete conducted disturbance test, CDN radiation disturbance test and magnetic induced current test. The test shall be conducted in the shielding room.



## 技术参数 Specifications

- 符合标准：  
CISPR 15  
EN 55015  
GB 17743

型号	EMI-3000
测试频率范围	9kHz~300MHz (磁感应电流 9kHz~30MHz)
LISN 容量 (可选)	单相 230VAC/16A、三相 400VAC/32A、三相 400VAC/63A
CDN 容量	二线/三线可切换, 16A
天线	三环天线, 直径 2m