

Magnetic field coil features multi-turn configuration for generating fields up to 1200 A/m



Teseq has introduced a new magnetic field coil that generates fields up to 1200 A/m during magnetic field testing. The INA 703 is designed for testing to IEC 61000-4-8 (supply frequency magnetic fields), IEC 61000-4-9 (pulsed magnetic fields) and IEC 61000-4-10 (oscillatory magnetic fields) standards. It is suitable for medical equipment, military, avionics, aerospace and industry applications. By using a multi-turn (37 turn) configuration, the INA 703 is able to generate high field levels of up to 1000 A/m using a programmable power source rated for over 30 A, enabling testing with a current THD of less than 8 percent. Also, supply frequencies can be tested, not only 50 Hz and 60 Hz also DC and 16.7 Hz. Taps at turns one and five provide increased accuracy when generating low amplitude fields.

Teseq

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[1] <http://www.teseq.com/com/en/index.php>