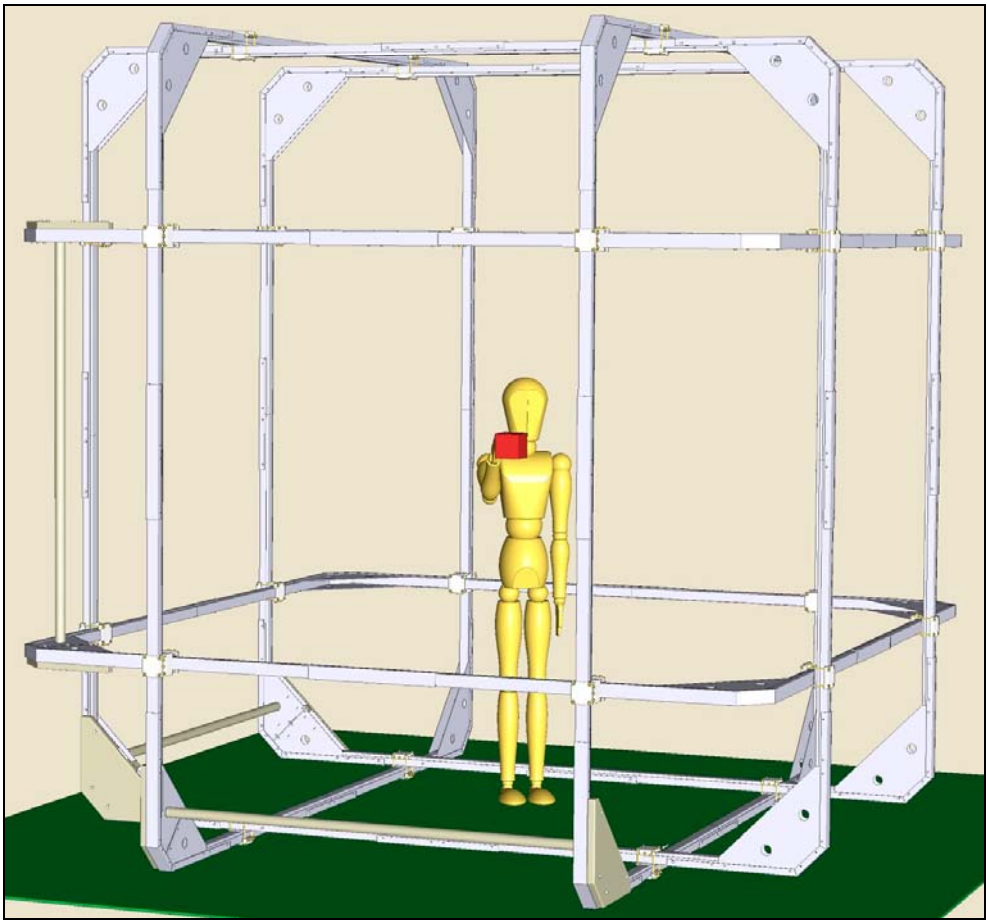
Square Helmholtz coils of 3 and 4 metres
Preliminary Information



In above is a view of our 3D CAD model of a system of 3 metres per side in nominal size.
The dummy is 1.81 metres tall.

Main Characteristics

- Free-standing structure, with a good compromise in between sturdiness and weight.
- The unit can be dismounted in short parts, with collapsible windings, what allows its transportation in a rather small box by standard sea freight or airfreight.
- Its parts can be carried-in to its final location through narrow doors and corridors.
- Very well suited to cancel the local Earth's magnetic field. It is supplied with two windings, one of which has a low number of turns, with low impedance, well suited to cancel the magnetic fluctuations in AC.
- For DC and AC operation, without eddy currents around the perimeter.
- Windings can be tailored as required for particular applications, into the limits of the forms.
- The aluminium coil forms are isolated among them. These are wired as one-turn coils, which could be used a one-turn Helmholtz coils, or could be grounded, or used for some other electrical purpose.
- It can be supplied in versions of 1, 2 or 3 axes (1D, 2D or 3D).
- We can supply units with any dimensions other than 3 or 4 metres, as required.
- Some needed accessories could be produced upon demand.

Manufactured and distributed by:
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