

# Medical Equipment Transformer

Medical imaging equipments are becoming more and more present in hospitals. To allow proper performance of this type of equipment, it is essential to provide a very low supply impedance, so low that even the transformer and equipment cable run makes a difference.

Installation of a transformer with standard features would not be adequate. Therefore, the Delta Group xfo has been developing specific solutions for hospitals and their critical equipments.

## What is needed to choose the proper transformer

- ▶ Capacity (kVA)
- ▶ Primary and Secondary Voltages required
- ▶ Maximum line to line impedance required by medical imaging equipment
- ▶ Cable length and size from the power source to the transformer
- ▶ Cable length and size from the transformer to the medical imaging equipment

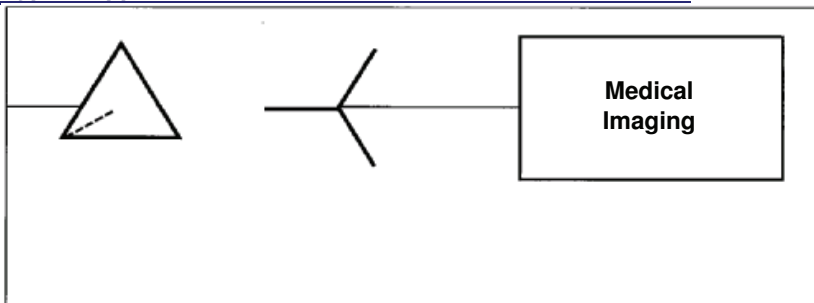
## Features

- ▶ **E.V.I.** Process (Epoxy Vacuum Impregnation)
- ▶ Copper Windings
- ▶ Insulation Class 220
- ▶ 150°C Temperature Rise
- ▶ High Quality Grain Oriented Steel Laminations
- ▶ Compact and easy to install enclosure
- ▶ Quiet Operation

## Options

- ▶ 80°C and 115°C Temperature Rise
- ▶ Electrostatic Shield

## Typical application



## E.V.I. Plus-Value

- ▶ Superior Bonding & Mechanical Strength
- ▶ Core Losses Stability
- ▶ Better Heat Dissipation
- ▶ Reduced Noise
- ▶ Improved Winding Insulation
- ▶ Enhanced Protection in Contaminated Environments
- ▶ Elimination of Air Pockets