

# TOROIDAL POWER TRANSFORMERS FOR MEDICAL APPLICATIONS

## PROTECT SENSITIVE MEDICAL DEVICES IN PATIENT CARE ENVIRONMENTS

New toroidal power transformers from Standex Electronics protect sensitive medical devices including those used in patient care environments.

Available as bare toroidal transformers which can be integrated into the devices themselves or as toroidal transformers housed in enclosures with circuit breakers, fused input, plug-ins and other user-friendly options.

Compliant with UL/IEC 60601 specifications, these transformers feature extremely low leakage current between primary.



## TOROIDAL POWER TRANSFORMERS CAN BE CUSTOMIZED TO SUIT REQUIREMENTS. OPTIONS AVAILABLE INCLUDE:

- Connector harnesses
- Enclosures
- Circuit breakers, fused input
- Mounting options
- Temperature & over-current protection
- Dual inputs (120/240V)
- Protective earth shielding
- Ultra low  $\mu\text{A}$  leakage current between primary and secondary windings.



**MANY COMPANIES CAN MAKE ELECTRONIC COMPONENTS – BUT STANDEX STANDS APART!  
WE PRODUCE COMPONENTS TO MEET TIGHT PERFORMANCE CHARACTERISTICS – AND THEN  
VALIDATE THEM IN A WORLD CLASS TEST LAB.**

We have the global presence to simplify logistics and lower delivery costs. This “global footprint” is combined with engineering expertise, precision manufacturing capabilities, and worldwide manufacturing in lower-cost regions (while maintaining quality standards). The result is that Standex Electronics is uniquely qualified to deliver your medical grade toroidal power transformer requirements.

### Custom Standex Toroidal Transformers for Medical Applications



This power transformer was designed to meet the demanding needs of medical imaging. Custom designed and manufactured specifically for a demanding application, this toroid includes value-added components such as connector harnesses and application-specific packaging and shielding.

This custom power transformer was designed specifically for the unique application requirements of surgical imaging environments. With capacity up to 5kVA, it has sufficient power for use in multiple imaging units. Low loss and leakage inductance ensures clean scans and safer procedures. Connector harnesses and custom packaging speed the installation – saving time and labor costs while ensuring the success of our customer’s products.

