

SPECIFICATIONS

DIMENSIONS:

Height: 60" (1,524 mm)

Width: 36" (1,140 mm)

Depth: 26" (1,470mm)

Weight: 750lbs (340kgs)

STANDARD VOLTAGE:

220V-1PH -50/60Hz

(other voltages available on request)

SYSTEM PERFORMANCE:

Water content: < 10PPM Removal of

Particles: > 1 micron

FEATURES:

- Removes moisture from transformer oil and insulation.
- Maintains low moisture levels in transformer oils in service.
- Able to dry transformers not braced for vacuum.
- Safety system – isolates itself in case of alarm or power failure.
- No paper filters utilized.

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ENERDry – TRANSFORMER DRY OUT SYSTEM



INTRODUCTION:

Transformers and its paper insulation have a primary enemy - Water. Water can be removed from a transformer using a vacuum dehydration process. Now, however an easier and less expensive method can be used to remove the water from the transformer oil and its paper insulation.

Transformers that have 5% moisture or higher can be dried to acceptable levels without taking the transformer out of service.

BENEFITS:

- Extends service life of transformer by extending the service life of the insulating system (paper and oil)
- Transformer remains in service during processing (no lost revenue due to down time)
- Reduced cost relative to other processes
- Does not remove dissolved gas from transformer oil, allowing dissolved gas analysis (DGA) to give advanced notice of other potential problems in the system.

OPTIONAL FEATURES:

- Transformer Oil Level Monitoring System (TOLMS)
- Hygrometer – Oil Hygrometer sensor for measurement of moisture level in the oil (PPM)
- Touch screen interface with data logger with “PPM Trend” tool for monitoring moisture content over time.
- E-mail /SMS alarm messages
- Remote Monitoring of PPM Trend chart