

TR 5[®]

Compact Moisture Management for Transformer Oil

- ✓ On-Line Continuous Operation →
No Downtime
- ✓ Compact Design →
Easily Portable
- ✓ Oil and Particulate Filtration →
Zero Compromise
- ✓ Simple Filter Replacement →
Easy Maintenance
- ✓ Optional Rugged Enclosure →
Environmental Protection



Why moisture matters?

Moisture is the silent destroyer inside every transformer. Even a small rise in water content accelerates paper insulation aging, cuts dielectric strength, and triggers dangerous bubble formation at hot spots. Research shows that doubling moisture in cellulose can halve its lifespan.

"Koch, Water in Transformers, 11-09-2008"

More than 99% of a transformer's water hides in the solid insulation, where it quietly erodes strength until sudden failure occurs. Keeping insulation dry is the single most powerful way to extend transformer life and prevent costly outages.

"Cellulose Insulation in Oil-Filled PowerTransformers: Part I—History and Development, Thomas A. Prevost, T.V. Oomen - April 2009"

Introducing TR 5

The DryTrans TR-5 is a compact, entry-level moisture management unit designed for power transformers under 10 MVA. It operates using a single tank system that continuously removes dissolved moisture from transformer oil, helping to preserve insulation life and maintain dielectric strength.

With a media capacity of 10 kg and the ability to absorb 3–5L of moisture, the TR-5 offers adjustable oil flow rates from 300 to 500 LPH. Ideal for small to medium transformers, the TR-5 ensures efficient, on-site, online drying.

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