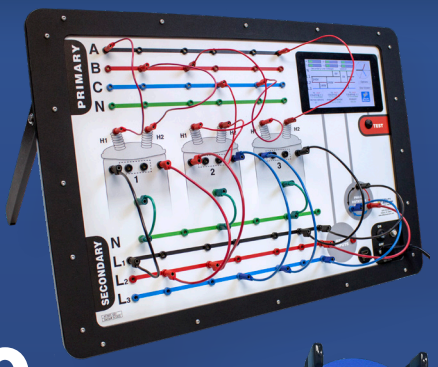
Introducing the

Upgraded Load-Trainer™ 2.0



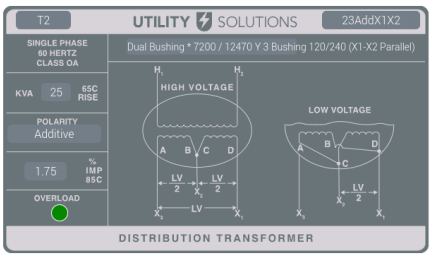
XFMR-001
(Previous Model)

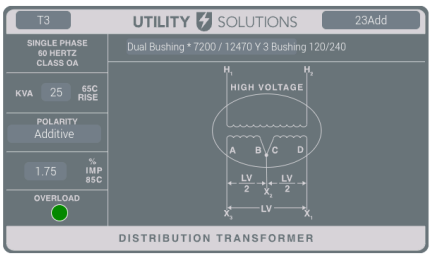
XFMR-002
(Updated Model)

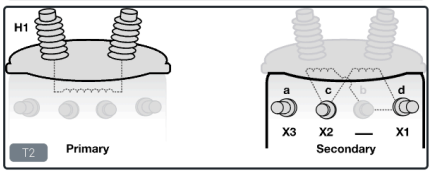


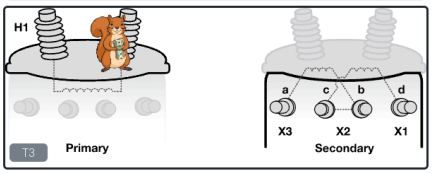
Utility Solutions is releasing an updated Transformer Simulator featuring an enhanced digital interface, improved visualization, and a new troubleshooting mode—driven by customer feedback and the success of the XFMR-001.

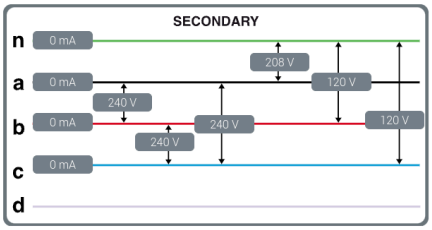
WHERE TACTILE MEETS DIGITAL

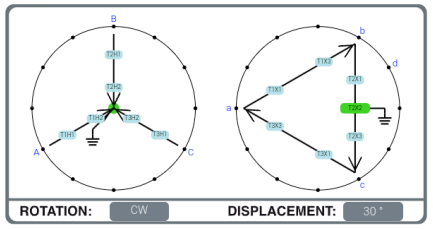












- Integrated 21” touch screen TV with HDMI connection
- “X-Ray View” representing internal transformer and coil configurations
- New nameplate feature
- Upgraded vector diagram system
- Supports unique transformer configurations
- New troubleshooting mode
- Uniform banana plug inputs

(828) 323-8914 www.utilitysolutionsinc.com sales@utilitysolutionsinc.com

UTILITY SOLUTIONS
POWER(FUL) INNOVATION.®

TRAINING SIMULATORS

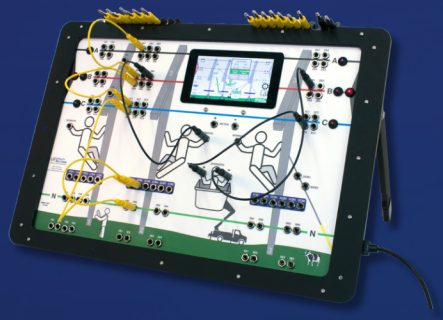
Hands-On Training Without the Hazard



Load-Trainer™ 2.0 Transformer Simulator

Provides an enhanced learning experience for transformer banking and 3 phase simulation. Upgraded features: enhanced visualization, detailed insights, & troubleshooting mode.

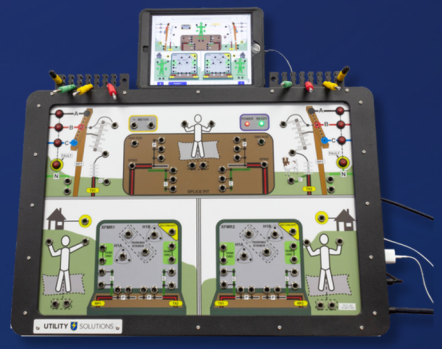
- Wye/Delta Configurations
- Open vs Closed Banks
- Multiple Secondary Voltage Options
- Transformer Polarity
- Phase Rotation
- Secondary Backfeed Hazards
- Floating Neutral Configurations



Overhead Grounds-Trainer™ Personal Protective Grounding Simulator

Demonstrates complex concepts, real world variables, multiple grounding styles and work methods:

- Distribution of Fault Currents
- Ground Potential Rise
- Step & Touch Potential
- Soil Resistivity
- Resistance of Personal Protective Ground Sets (PPG)
- System Voltages
- PPG & Connection Quality
- Soil Type & Temperature
- Broken Conductors
- Induction
- Backfeed
- Shunt vs Umbrella Configurations
- Single Point Grounding
- Equipotential Zone Grounding (EPZ)
- Equipment Grounding
- Parallel Grounds



Underground Grounds-Trainer™ Personal Protective Grounding Simulator

Demonstrates complex concepts, real world variables, multiple grounding styles and work methods, and allows users to connect wirelessly with their device to observe real-time results.

- Radial vs Loop Circuits
- Basic Switching & Phasing
- Neutral Currents & Total Isolation
- Ground Potential Rise
- Step & Touch Hazards
- Cable ID & Verification
- PPG & Connection Quality
- URD Cable & Overhead Faults
- Soil Type & Temperature
- Secondary Backfeed Hazards
- Radial, Open & Closed Loop Circuits
- Grounding Transformers & Riser
- Equipotential Zone Grounding (EPZ)