

## MEKSAN TTS 400-3000 TRANSFORMER TEST SYSTEM



ULTRA PRECISION

USER FRIENDLY



# MEKSAN<sup>®</sup>

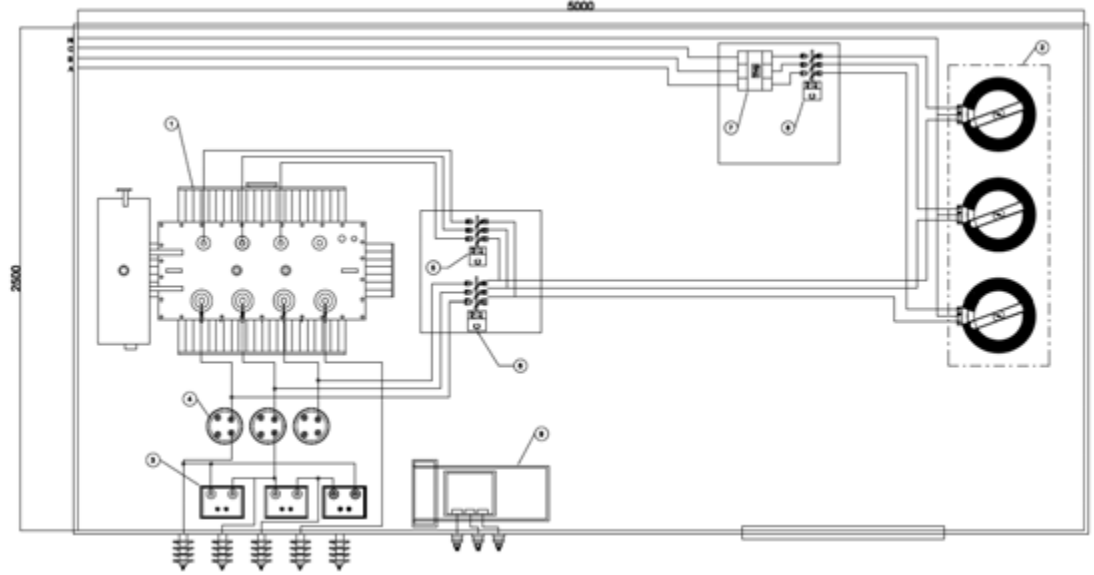
TRANSFORMER

## TRANSFORMER TEST SYSTEM

### SYSTEM CONCEPT

The TTS 400-3000 Transformer Test System has been developed by MEKSAN for easy installation and reporting of the LOAD LOSSES - NO-LOAD LOSSES, TEMPERATURE RISE and similar tests for distribution transformers.

Provides great convenience to users with the special design developed for high accuracy and easy operation,



### GENERAL SPECIFICATIONS

- Transformers from 25kVA up to 2500kVA 33KV can be tested.
- 400 kVA Power Transformer
- Precision power analyzer
- Ultra Precision Measurement Transformers (CT&PT)
- Top Security
- First class materials and workmanship
- Mounted inside special container
- Special design possibility

### SCOPE OF APPLICATION

- Load losses test
- No-Load losses test
- Options
- Induced voltage tes
- Applied voltage test
- Temperature rise test





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## VARIAC

- Column type strong design
- Minimum and maximum safety switches
- Zero start feature

In case of a low voltage at any one of the mains voltages, phase equalization can be achieved by means of one motor control for each phase of the variant.

- Tap indicators

## TESTER TRANSFORMER

- 400 kVA Power
- 5 steps
- Different output voltages

### Tester transformer technical specifications

Steps	Voltages	Max-Current
1	0 - 1000 V AC	231A AC
2	0 - 1500 V AC	154A AC
3	0 - 2000 V AC	115A AC
4	0 - 2500 V AC	92 A AC
5	0 - 3000 V AC	77 A AC





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## CURRENT and VOLTAGE TRANSFORMER

- Ultra precision current and voltage transformers designed for the system
- Precise accuracy at every current and voltage,
- High insulation level



## POWER ANALYZER

- Harmonic measurements
- High accuracy measurement in low power factors
- Ideal design for transformer tests





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## SECURITY

- Emergency stop button
- Warning lamp
- Door security switch
- Warning Lamp During Test



## OPTIONS

- Load losses test
- No-Load losses test
- Induced voltage tes
- Applied voltage test
- Temperature rise test
- Winding resistance test
- Turn ratio test
- Insulation resistance test
- Oil breakdown test



\* Note: Design and specifications are subject to change without notice.







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Top level design

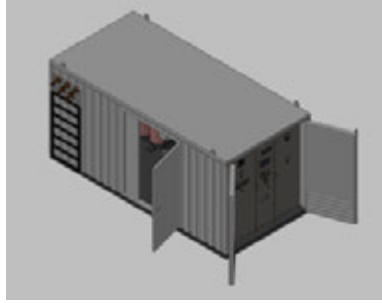


Senior craftsmanship

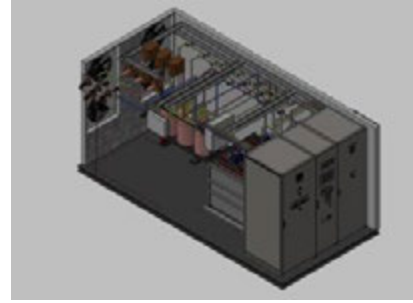


## GENERAL SYSTEM PICTURES

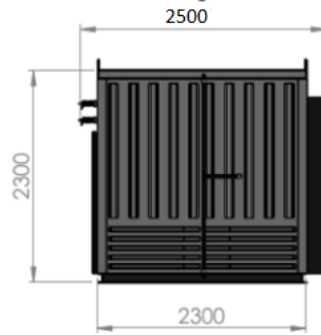
Insulated cable with high current  
resistance



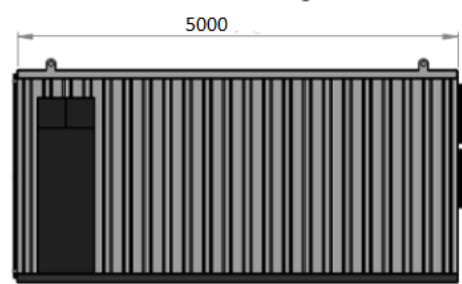
Compact Design



Outside Drawing



Inside Drawing



Dimensions

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