



TRANSFORMER TANK FATIGUE TESTING MACHINE



TARGET

The MPFC V1 allows to submit a transformer tank to fatigue tests by means of a series of programmed cycles of oil with positive and negative variation of the inside pressure.

MAIN FEATURES

The machine produces an endurance test of 2 000 cycles with overpressure and under pressure being recorded at intervals

The increase and decrease of the oil volume is added and extracted from the tank. The overpressure and under pressure are registered.

The volume of oil to restore initial pressure is recorded.

The last part of the test is a 24 hours leakage test whit overpressure of 1,2 times the initial recorded overpressure.

At the end of the test the software gives a final evaluation and report.



MACHINE COMPOSITION

MAIN MACHINE :

- (a) Electrical control cabinet & PLC
- (b) Software & PC connection
- (c) Sensors
- (d) Hydraulic system (Pump & storage deposit)

ACCESSORIES :

- (1) Conditioned chamber
- (2) Leakage deposit

TECHNICAL DATA

GENERAL

Weight of basic machine (without oil)	approx.	600 Kg
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