

AS ELECTROTECH

TRANSFORMER OIL FILTER MACHINE

11000 Series



A.S.Electrotech is always in a continuous effort to offer excellent products at a fair price & reserves the right to change models, specification and design to upgrade its own products.

AS ELECTROTECH *Test Equipments For Quality, Accuracy & Reliability*

TRANSFORMER OIL FILTER MACHINE

11000 Series

A. S. Electrotech make Transformer Oil Filter Plant is very suitable for filtration, dehydration and degassing of the insulating Oils. The oil filter plant is such that the Oil first pass through the magnetic separator / Coarse filter and strainer followed by heat chamber where it is heated then it passed through the filter element and finally it passed through the degassing chamber which dehydrates and degassifies the oil completely. The treated oil shall be thus free from moisture, dissolved gases and other particulate contamination.

The Oil filter plant shall be operated on 440V. 3ph. 4 wire. 50HZ. AC. and shall have various types of flow rates (i.e.: litre per hour)

Outstanding Features :

Filtration : Filtering is achieved by means of high efficiency nonhygroscopic cartridges. The filter medium is progressively denser in the direction of flow. This unique feature ensures large dust holding capacity. The filter housing is designed for easy facile replacement of choked cartridges.

Degassing System : The designed single/multiple stage degassing chamber with columns of raschig rings ensure maximum exposure of oil to high vacuum, which enables moisture and gases to evaporate.

Heating System : The removable type heater cartridges indirectly heats the transformer oil to the required set temperature (between 60° centigrade). It is provided with electrical resistance elements enclosed in Ms Tubes separating them from oil.

Oil Inlet Gear Pump : A positive displacement pump sucks the oil from the transformer /storage tank and delivers it to the conditioning machine. A built in relief valve takes care of any excessive pressure rise

Outlet Gear Pump : The conditioned oil from the degassing chamber is drawn out by a gearpump. The pump ensures the isolation of the conditioned oil from the atmosphere.

Vacuum Pump : Vacuum pumping system of evacuating the degassing chamber and it is capable of achieving and sustaining a high degree vacuum.

Control Cabinet : The ms. made sturdy control cabinet housing all the electrical control switchgears like contactor, starter, MCB, MCCB, toggle switch, rotary switches, vacuum gauges etc.

A mimic diagram is installed on the cabinet, providing a continual display of the state of operation. The plant shall be mounted on a chasis with pneumatic wheels for easy movement on Road and within substation.

A.S.Electrotech is always in a continuous effort to offer excellent products at a fair price & reserves the right to change models, specification and design to upgrade its own products.

AS ELECTROTECH Test Equipments For Quality, Accuracy & Reliability