

TRANSCURE

Transformer Oil Filter Machines

D
series

Secure your transformer asset today!

Performance parameters of oil in medium sized transformers and power transformers are stringent to maintain transformer health over a long time span. Consequently filter machines capable of achieving desired performance parameters of oil are required. NACH has designed the Transcure D series with the objective of achieving stringent oil performance parameters that result better transformer health. Beyond the regular quality and reliability of BS series filter machines, Transcure D series machines bear innovative design to ascertain health of the capital asset.



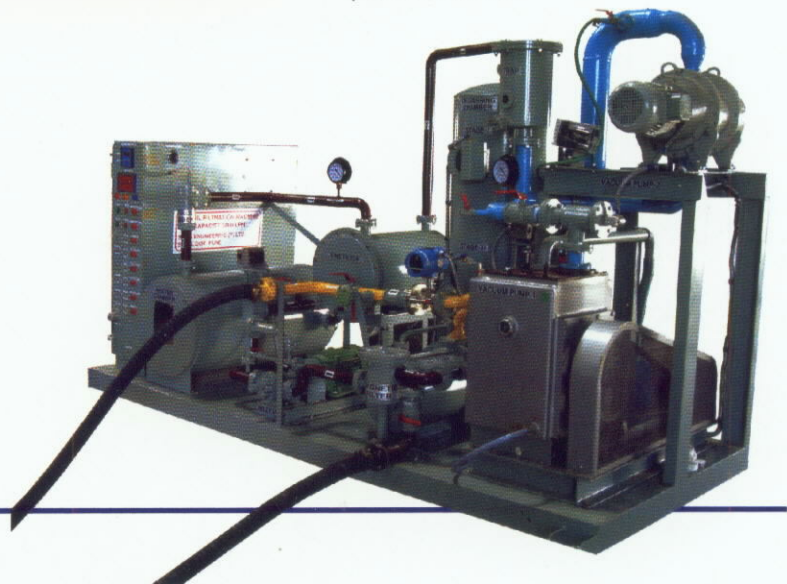
Features

- Operational on all standard frequency and 3phase power supply
- Designed to effectively trap vapours and condensates
- Vacuum leak rates better than 10^{-2} Torr-lit/sec.
- Weather proof enclosures
- Instrumentation to monitor parameters of voltage, current pressure, temperature and oil flow rate
- Visual and audio fault alarm systems
- Facility for batch filtration and oil sampling
- Suitable to handle oil flow during power failures

Benefits

- Multi stage degassing ensures effective moisture and gas removal in shorter time spans
- Low temperature high vacuum technique
- Vacuum level of 0.01mbar achievable during filtration.
- Effective systems to protect vacuum pump contamination, resulting long life span of pumps.
- Robust & consistent performance in rough atmospheres.
- Reduced running cost with assured returns.
- Lucid functioning and operation.

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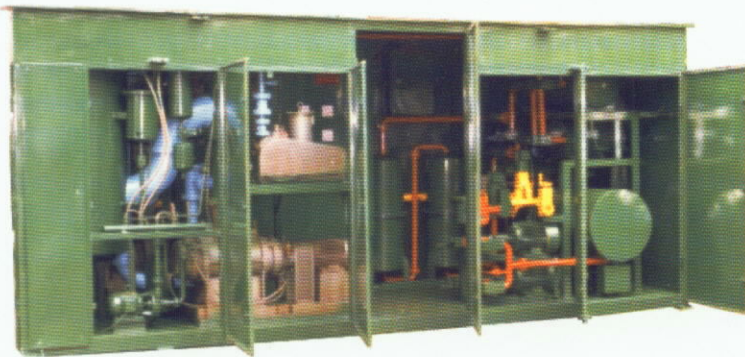




Specifications

Parameters	Models							
	Transcure D 3K	Transcure D 4K	Transcure D 5K	Transcure D 6K	Transcure D 9K	Transcure D 10K	Transcure D 12K	Transcure T 25K
Oil Flow Rate [CU.M PH]	3	4~4.5	5	6	9	10	12~15	20~25
Power Consumed [kW]; 3-Ø 4 wire supply	55	70	90~110	120~160	150~200	as per design		
Pipe NB [mm]	25	38	38	38	50			
Length* [m]	2.5	3	3	3	4			
Width* [m]	1.3	1.3	1.3	1.3	2			
Height* [m]	2.5	2.5	2.7	3	3			

* Dimensions are tentative.



Above machines have following Variants

Features	Models			
	B	IRC	DX	EX
Air Cooled Condensate Trap	✓	✓		
Coarse Filter (100μ)	✓	✓	✓	✓
2 Stage Degassing	✓	✓	✓	✓
Oil Neutralization Column		✓	✓	✓
Fine Filter (1μ)			✓	✓
Imported Vacuum Pumps			✓	✓
Condensate Trap Water Cooling			✓	✓
Digital Instrumentation			✓	✓
Exhaust Filter for Vacuum Pump				✓
Automatic Operation				✓
Online moisture sensor				✓

Machines can be prepared for mountings like stationary, trolley mounting or vehicle mounting.

Typical Application

- ◆ All types of substation transformers
- ◆ Locomotive Transformer
- ◆ Oil refineries
- ◆ Transformer manufacturing units
- ◆ Transformer Maintenance shops.

Commitment to serve our clients

- ◆ Demonstration of the product is provided to the site staff/operator.
- ◆ Ready availability of spares and consumables.

Components provided

- ◆ Appropriate Instrumentation
- ◆ Spares to aid incidental breakdowns

After Sales Service

- ◆ A well equipped and ready team to meet all the queries, pertaining to services of machines.
- ◆ Register your suggestions, problems or complaint about NACH product or service on our website and get your grievance attended in three business days.

All oil filter machines are provided with detailed operation and maintenance manuals.

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