

## VTP Single Stage Vacuum Insulating Oil Purifier



VTP Single Stage Vacuum Insulating Oil Purifier is widely used for purification treatment of transformers insulating oil, switch oil, mutual inductor oil, cable oil, circuit breaker oil, capacitor oil and other insulation oil. It adopts vacuum separation, precision filtration, molecular adsorption, vacuum drying principle to remove water, trace water, gas, particles from oil quickly and effectively for improving oil dielectric strength. Series VTP insulating oil purification machine can be used as independent vacuum source with functions of vacuum drying and vacuum filling for transformers and electric equipment. The operation is simple, safe and reliable.

### Feature

- Vacuum insulation oil purifier is operated & monitored via use of control panel.
- Digital type electric heating system and safety thermostat, which is designed to allow temperature range of 20-80°C.
- Increasing oil's dielectric strength by effectively removing solid particles, gases and water, thus eliminating the need for expensive oil replacement, and thereby extending the life of the electrical equipment.
- Specially designed system in the degassing tank which provides uniform distribution of the processed oil in the low-pressure environment to achieve best treatment results.



### Specifications

Model	VPT-10	VPT-20	VPT-30	VPT-50	VPT-80	VPT-100	VPT-150	VPT-200
Capacity(L/min)	10	20	30	50	80	100	150	200
Vacuum level	-0.06~-0.095 Mpa							
Working pressure	≤ 0.4 Mpa							
Temperature range	20 ~ 80°C							
Breakdown voltage	≥ 60KV							
Water content	≤ 5ppm							
Gas content	≤ 0.1%							
Filtering rate	≥ 99.5%							
Filtering precision	≤1 micron							
Continuous work	≥200 hr							
No failure running	≥5000 hr							

Power supply		380V, 50HZ, 3PH (or customized )							
Working noise		65 dB							
Heating power (kw)		15	15	24	30	45	60	90	110
Total power (kw)		16.5	16.5	26	32	50	66	100	120
Inlet/outlet(mm)		25	32	32	38	44	50	58	65
Weight (kg)		250	250	300	350	500	700	900	1100
Dimension (mm)	L	1000	1100	1200	1300	1350	1400	1500	1600