

ZYB 系列多功能油处理机

ZYB Series Multi-Function Oil Processor

技术特点:

- 1、本机除具有一般真空滤油机的脱水、脱气、除杂质功能外，还具有对劣化绝缘油进行再生的功能，能有效除去油中的深度氧化物，游离碳等极性物质，能恢复劣质油的抗氧化性，酸碱水溶性等综合指标。使处理后油中含水量、耐压值、含气量、酸值、介损等符合国家标准。
- 2、本机具有一机多用的功效：可独立使用真空脱水、脱气、除杂系统，亦可以独立使用再生系统，还可以将二者共同使用，操作方便、实用性强。

用途:

本设备可作为35KV以下电力变压器安装，大修专用过滤设备，电力部门及工矿企业处理不合格的变压器油、互感器油、开关油等绝缘油，（特别适用于严重劣化绝缘油的再生）并可用于变压器的真空注油和干燥。

Technical Features:

- 1.In addition to its capability to remove water, gas and impurities in oil like the functions of ordinary vacuum purifier, the Purifier can also recover the inferior insulation oil, which could effectively remove the intensive oxide and free carbon, thus resumes antioxidation and acid/alkali water solubility characteristics. After treatment, the oil can meet the national standard in respect of water content, withstand value, gas content, acid value and medium consumption requirement.
- 2.The Purifier has multi-purpose functions. Its function of removal of water, gas or impurities and the recovery system can operate separately and independently; they can also operate together at the same time, being easy to operate with higher effectiveness.

Use:

The Product can be used for transformer installation and overhaul, as well as for treatment to non-conformable transformer oil, mutual inductor oil and circuit breaker oil in power industry (especially applicable to recovery of extremely inferior insulation oil), as well as for transformer vacuum oil fill and drying.



指标名称 Items	单位 Unit	ZYB-10	ZYB-20	ZYB-30	ZYB-50	ZYB-100	ZYB-150	ZYB-200	ZYB-300
流量 Flow rate	L/min	10	20	30	50	100	150	200	300
工作真空 Vacuum Range	Mpa	-0.06 ~ -0.095							
工作压力 Working Pressure	Mpa	≤0.4							
恒温控制范围 Temperature Range	℃	20 ~ 80							
电源 Power Supply	/	380V 50HZ (或根据用户需要 or at user's option)							
噪音 Noise dB	dB(A)	≤65 ~ 85 (视配置而定 depend on user's requirement)							
无故障工作时间 Fault-Free Working Hours	h	≥4000							
连续工作时间 Continuous Running Hours	h	≥150							
电加热功率 Heating Power	Kw	15	15	15	24	48	54	72	96
总电功率 Total Power	Kw	16.5	16.5	16.5	26	54	60	80	105
进(出)口管径 Inlet (Outlet) Diameter	mm	Φ25	Φ25	Φ25	Φ32	Φ42	Φ50	Φ50	Φ60
重量 Weight	kg	350	400	450	500	600	800	1200	1500
击穿电压 Breakdown Voltage	KV	≥65							
含水量 Water Content	ppm	≤5							
闪点(闭口) water-soluble acid	℃	≥135							
介质损耗 Medium consumption	tgδ(90℃)%								
酸值 Acid value	mgKOH/g	≤0.03							
含气量 Gas content	%								
过滤精度 Particles	μm	≤3 (可根据客户要求 or at user's option)							

ZYC 系列双级多功能高效真空滤油机

ZYC Series Double-Stage Multi-Function High Efficient Vacuum Oil Purifier

技术特点:

- (1) 具有双级抽气系统，能快速脱出油中水分、气体、杂质、极性物质以及其它劣化物质。
- (2) 过滤处理后油品绝缘强度可达75KV以上。
- (3) 独特的多源脱气、脱水结构，其蒸发面积比常规面积增大700倍以上。
- (4) 采用最新专用脱色剂，使深色老化变质的油变为与新油颜色相近。
- (5) 超高过滤精度，NAS4级以上。
- (6) 该设备能降低油品介损损耗，提高油品品质。

用途:

适合处理110KV以上电力设施检修、维护使用的深度劣化的变压油、绝缘油。

Technical Features:

- 1.The Product incorporates the advantages of ZY, ZYB, ZYD and BZ.
- 2.One-time breakdown voltage could enhance voltage to 45KV and three-time filtration could enhance voltage to 75 kv or above.
- 3.Unique water and gas removing materials, offer 700 times the evaporation area size of common ones.
- 4.Latest decolorant is selected which ensures dark colored oil to resume the color of new oil.
- 5.Super fine filtration, reaching above NAS4.
- 6.Advanced PLC microcomputer auto control.
- 7.Oxidant filling device is equipped, extending the oil lifetime 15 times longer.
- 8.Flexible and easy dismantlement.

Use:

Applicable to extremely inferior super HV transformer oil and insulation oil.

指标名称 Items	单位 Unit	ZYC-50	ZYC-100	ZYC-150	ZYC-200	ZYC-250	ZYC-300
流量 Flow rate	L/min	50	100	150	200	250	300
工作真空 Vacuum Range	pa	≤133					
极限真空 Ultimate vacuum	pa	≤5					
工作压力 Working Pressure	Mpa	≤0.4					
恒温控制范围 Temperature Range	℃	20 ~ 80					
电源 Power Supply	/	380V-50HZ(或根据用户需要 or at user's option)					
噪音 Noise dB	dB(A)	≤65 ~ 80 (视配置而定 depend on user's requirement)					
无故障工作时间 Fault-Free Working Hours	h	≥4000					
连续工作时间 Continuous Running Hours	h	≥150					
电加热功率 Heating Power	Kw	30	72	96	144	168	192
总电功率 Total Power	Kw	35	78	105	155	182	206
进(出)口管径 Inlet(outlet) diameter	mm	Φ32	Φ42	Φ50	Φ50	Φ60	Φ60
重量 Weight	kg	650	1050	1350	1450	2000	2500
击穿电压 Breakdown Voltage	KV	≥75					
含水量 Water Content	ppm	≤3					
介质损耗 Medium consumption	tg δ (90℃) %	≤0.3					
酸值 Acid value	mgKOH/g	≤0.03					
含气量 Gas content	%	≤0.1					
过滤精度 Particles	μm	≤3 (可根据客户要求 or at user's option)					

