

# ZY、ZYA系列 高效真空滤油机

ZY and ZYA High Efficient Vacuum Oil Purifier Series

## 技术特点:

- (1) 本设备能高效地脱出绝缘油中的水分、气体和杂质,提高油的耐压强度和油的品质,保证电力设备的安全运行,同时具有真空注油功能。
- (2) ZY、ZYA系列滤油机具有小型高效,移动方便、可在户内户外使用的特点。
- (3) 采用红外线液位自动控制仪装置,系统压力自动保护装置和高效脱气除水元件,操作方便、安全。

## 用途:

主要用于35KV以下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。

## 优势:

属高效型,具有立体多层蒸发,效率比普通真空滤油机高3-5倍。具有红外线液位、温度自动控制、连锁保护装置可实现人机分离工作,设计新颖、结构紧凑、轻便灵活、移动方便、可在任意环境下使用,处理效果明显、耗电少、操作方便。

(ZYA具有自动检测耐压情况,油质耐压情况可随数字显示并打印检测结果)



## 产品介绍 Products Introduction

## Technical Features:

1. The Purifier can remove water, gas and impurities in oil with high efficiency to elevate the withstand capability and quality of oil, which ensures a safe operation of power generation equipment; in the meantime the purifier supports vacuum oil filling and energized operating.
2. ZY and ZYA series are of small size, high efficiency, easy to move and can be put in service both indoor and outdoor.
3. The infrared liquid level automatic control device, system automatic pressure protector, high efficient water and gas removing components are adopted, which are easy and safe to operate.

## Use:

Mainly used for treatment of non-conformable transformer oil, mutual inductor oil and circuit breaker oil in power industry including manufacturing enterprises.

## Advantages:

Highly efficient, cubic evaporation, 3-5 times higher efficiency than ordinary oil purifier. Its infrared level control, automatic temperature regulation and interlocking protector enable a man-machine separation. The design is of new technology, light weight, compacted, flexible, easy to move and can be used at any environments, being very effective and easy to operate with less power consumption.

ZYA has an automatic withstand testing system, which allows display or printout of the oil withstand status at any time.

指标名称 Items	单位 Unit	ZY-6 ZYA-6	ZY-10 ZYA-10	ZY-20 ZYA-20	ZY-30 ZYA-30	ZY-50 ZYA-50	ZY-100 ZYA-100	ZY-150 ZYA-150	ZY-200 ZYA-200	ZY-300 ZYA-300
流量 Flow	L/min	6	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	9	15	15	15	24	48	54	72	96
总电功率 Total Power	Kw	9.7	16.5	16.5	16.5	26	54	60	80	105
进(出)口管径 Inlet (Outlet) Diameter	mm	Φ20	Φ25	Φ25	Φ25	Φ32	Φ42	Φ50	Φ50	Φ60
滤后指标 After filtration	设备重量 Weight	kg	150	280	300	350	380	550	680	1200
	击穿电压 Breakdown Voltage	KV	≥65							
	含水量 Water Content	ppm	≤5							
	含气量 Gas Content	%	≤0.1							
	过滤精度 Filter precision	μm	≤5 (可根据客户要求 or at user's option)							