

OIL PURIFIER

TY Turbine Oil Purifier

TY series turbine oil special oil filter: Widely used in electric power, chemical industry, papermaking, metallurgy and other industries of the steam turbine, gas turbine, turbine oil turbine online processing ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Oil Purifier
Standard	EN
Material	This equipment use medium with different surface tension, using inorgani...
Weight / Size	Item Unit TY-10 TY -20 TY -30 TY -50 TY -100 TY -150 TY -200 TY -300 Flo...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Oil Purifier	Model / SKU	TY-Turbine-Oil-Purifier
Standard	EN	Material	This equipment use medium with different surface tension, using inorganic fiber needle puncture of emulsified water for demulsification, using hydrophilic materials of oil in water by using hydrophobic materials and coalescence of the oil in the water by the line of separation.
Weight / Size	Item Unit TY-10 TY -20 TY -30 TY -50 TY -100 TY -150 TY -200 TY -300 Flow Rate L/min 10 20 30 50 100 150 200 300 working vacuum Mpa -0.06 ~ -0.095 working Preussre Mpa ≤0.4 Constant temperature control range °C 20 ~ 80 power / 380V/50HZ(at user's option) noise db(A) dB(A) ≤65 ~ 80 (depend on user's requirement) Fult-free working hours h ≥4000 continuous hours h ≥150 Heating power Kw 18 18 18 30 45 54 72 96 Total Power Kw 20 20 20 32 50 60 80 105 Inlet(outlet) diameter mm Φ25 Φ25 Φ25 Φ32 Φ42 Φ50 Φ50 Φ60 weight kg 400 450 500 600 800 1000 1100 1550 After filtration water content ppm ≤50 gas content % ≤0.1 granularity / ≤NAS 6 Stage	Surface	This equipment use medium with different surface tension, using inorganic fiber needle puncture of emulsified water for demulsification, using hydrophilic materials of oil in water by using hydrophobic materials and coalescence of the oil in the water by the line of separation.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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	■ Technical features:	

China TY Turbine Oil Purifier:

TY series turbine oil special oil filter:

Widely used in electric power, chemical industry, papermaking, metallurgy and other industries of the steam turbine, gas turbine, turbine oil turbine online processing unit, to ensure the normal work of the lubricating system, regulation, or of low viscosity lubricating oil and cooling oil processing.

Technical features:

1. This device set the models of gravity method, evaporation, coagulation, vacuum separation, mechanical filtration method, the coalescence, molecular absorption, vacuum drying, automatic emulsion breaking technology, which can separate large amounts of water in oil, can the removal of trace water in oil emulsion breaking dehydration, high efficiency. The turbidity of the emulsified oil becomes clear and transparent.
2. This equipment use medium with different surface tension, using inorganic fiber needle puncture of emulsified water for demulsification, using hydrophilic materials of oil in water by using hydrophobic materials and coalescence of the oil in the water by the line of separation. The demulsification and coalescence separation of free water and emulsified water are realized.
3. The device also equipped with a vacuum evaporation system for micro analysis, water for vacuum dehydration in the oil, ensure the moisture index of oil, oil does not change the physical and chemical properties, prolong the service life of oil.
4. Precision multi-stage filter can effectively remove a variety of mechanical impurities, progressive encryption, a large amount of pollution, long service life.
5. Advanced infrared liquid level automatic control system, sound and light automatic alarm system and pressure protection device to ensure the safe and stable operation of the equipment.
6. Can be used to process turbine oil and low viscosity lubricating oil online.

Technical Data:

Item	Unit	TY-10	TY-20	TY-30	TY-50	TY-100	TY-150	TY-200	TY-300
Flow Rate	L/min	10	20	30	50	100	150	200	300
working vacuum	Mpa	-0.06 ~ -0.095							
working Preusre	Mpa	≤0.4							
Constant temperature control range	°C	20 ~ 80							
power	/	380V/50HZ(at user's option)							
noise db(A)	dB(A)	≤65 ~ 80 (depend on user's requirement)							
Fult-free working hours	h	≥4000							

continuous hours		h	≥150							
Heating power		Kw	18	18	18	30	45	54	72	96
Total Power		Kw	20	20	20	32	50	60	80	105
Inlet(outlet) diameter		mm	Φ25	Φ25	Φ25	Φ32	Φ42	Φ50	Φ50	Φ60
weight		kg	400	450	500	600	800	1000	1100	1550
After filtration	water content	ppm	≤50							
	gas content	%	≤0.1							
	granularity	/	≤NAS 6 Stage							