DO3000 - De-Gas Systems

De-Gas De-Watering Systems
Designed for use on ENERGIZED Equipment
Oil Processor for use with Transformer Oil

Features

- Designed specifically for electric utilities substation maintenance
- 230VAC single phase
- Easy to operate, Fully Automated
- ALL Controls located together
- Designed for long term use on ENERGIZED equipment
- Moisture in oil monitor
- Digital totalizing meter
- Split heaters for use in substations with lower amperage station service
- Filter canister that is drained using the onboard pump—no bucket needed
- Cast Iron variable speed oil pump—can be slowed down as much as needed for the size of the apparatus being processed
- On-site training ALWAYS included with every DO3000 oil processor

Patent Pending

KRIN usa

13211 State Route 226
Big Prairie, OH 44611

419-827-6061

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Specifications

Vacuum Pump	Busch FOSSA dry running scroll pump Low Maintenance, low power consumption Ultimate pressure <1 torr
Oil Pump	Viking Cast Iron Construction Gear Pump Integral Pressure Relief Valve set at 75 psi
Oil Pump Motor	Baldor Industrial Wash Down Duty Variable Speed from 0 to full pump speed Allows for as slow a pumping speed as needed for specific application
Filter Canister	Size 2000 Swing Lid Canister (Vented) Designed for 2 Ertel Stacked Disc Filters
Plumbing	1 ½" AND 1" Plumbing Stainless Steel Pipe, Zinc Plated Fittings and Single Coil Wire Petroleum Hose Bronze Solenoid INLET and OUTLET valves Remote valves at ends of connections hoses Basket Strainer to Protect System Digital Vacuum Sensor Pressure Gauge Pressure Differential Gauge for Filter Change Indication
Hose Connections	1-1/2" INLET and 1" OUTLET hoses Shut Off Solenoid Valve on End of Hoses Cam-Lock Fittings with Plugs/Caps
Totalizer	Flomec OM030 positive displacement Digital Meter Displays both Flow Rate, Batch volume and total volume
Distillation Tower	KRIN proprietary Patent Pending distillation tower utilizing Permanent dispersion nozzle and media
Electrical	Control Panel for system control VFD to control oil pump Motor Speed Chamber vacuum pressure display Inlet moisture in oil display NEMA 4 Pressure High Limit Switch Automatic Foam control system High tower level and drip pan level sensors Entire system PLC controlled
Skid Pan and Frame	All Equipment is mounted inside a Drip Pan, Painted Black All Equipment mounted inside cabinet for outdoor use Extensive Grounding of Components to the Drip Pan Equipment Ground connection point

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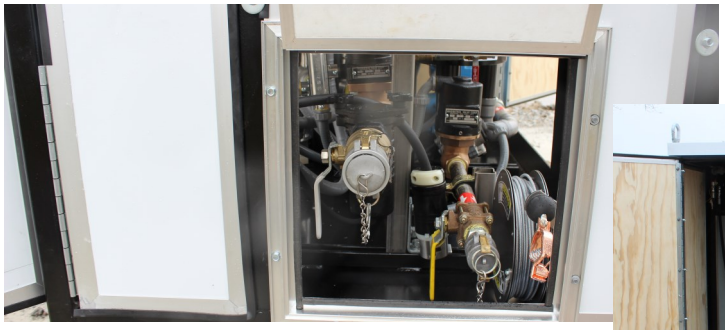

Patent Pending

Options

- 5-20 GPM pumps
- Single phase or 3 phase power
- Single or Dual Heaters
- Single or Dual Filter Canisters
- Auxiliary Hoses and Fittings
- Special Equipment Ground Cables
- Moisture in Oil Monitors
- Feel free to ask for any options you need

What they are saying about KRIN systems

These systems look like they were built by people that have actually worked in the field -

Substation Maintenance Crew Lead, NC

This is the easiest system I have ever run

Substation Maintenance Tech, WA

This system gets the oil cleaner than any press we've ever had

Substation Maintenance Supervisor, SC

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