

AES Group, Inc.

Sales • Construction • Service

- AES-Dekker Laboratory Vacuum System Model AES-VMX0103MA1-AES-SPL-45-DS
 - 15.3 SCFM @ 25" HG VAC
 - (1) Dekker Titan single stage 7.5HP liquid ring vacuum pump skid.
 - System Components Include:
 - (1) TEFC Electric motors, 208Volt, 3 Phase, Premium Efficiency.
 - (1) Patented DX5 Discharge Separator-Reservoirs with 5 Stage Air/Oil Separation, Including Coalescing Filter.
 - (1) Back Pressure Transducer
 - (1) Seal Fluid Isolation Valve
 - (1) Y-Strainer
 - (1) Seal Line Check Valve
 - (1) Separator Drain Valves
 - (1) Separator Sight Level Gauges
 - (1) Temperature RTD for Discharge Temperature Indication and High Temperature Protection.
 - (1) Air-Cooled, Heat Exchanger Packages with Main Motor Driven Fan and Fan Guard.
 - (1) Inlet Check Valves
 - (1) Vacuum Transducer
 - Inlet Manifold Including:
 - (1) Inlet Isolation Valve
 - (1) Inlet Flex Connector
 - Manifold Piping
 - Discharge Manifold Including:
 - (1) Discharge Flex Connector
 - (1) Sets of Hydraulic Hose Seal Fluid Line.
 - (1) Inlet Filters
 - (1) Vacuum Relief Valve with Inlet Filter Silencer
 - Vacuum Receiver
 - Horizontal Vacuum Receiver 120 Gallon.
 - Receiver Sight Level Gauge
 - Receiver Drain Valve
 - (1) Dekker ControlDEK Controller
 - Monitor, Measures, and Displays Performance
 - Identifies Maintenance and Fault Conditions
 - Each Control Panel Includes:
 - (1) Custom PLC with 4.3" Color Touchscreen LCD with Integral Hour Meter.
 - (1) Across Line Magnetic Vacuum Pump Starter with 3 Phase Overload Protection.
 - Vacuum Transducer, 0-10VDC for Vacuum Level Indication.
 - Pressure Transducer, 0-10VDC for Back Pressure Indication.
 - Vacuum ON/OFF Capability with Adjustable Set Points.
 - 24VDC Power Supply
 - Circuit Breaker Disconnect