



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

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Product Name :

Rotary Air Compressor Test Bench

Product Code :

SLE/MCE/58



Website: <https://www.thelabequipment.com>, **Email:** sales@thelabequipment.com

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Description :

Features:

- An orifice meter and manometer, Discharge “pressure is measured by a pressure gauge, measure Air intake Power input of the compressor measured by an Energy meter.
- The data acquisition software is included.
- The measured values can be read on digital displays.
- The air throughput and the electrical power consumption are also measured.
- At the same time, the measured values can also be transmitted directly to a PC via USB.
- The trainer is equipped with safety devices such as pressure relief valves and pressure switches.
- Thus the students can determine volumetric efficiency, power consumption and free air discharge of compressor.
- The pressures and temperatures for both stages are recorded using sensors and indicated on digital displays.

Specification:

- Energy meter to measure input of the meter.
- Pressure gauge to measure discharge pressure.
- Control valve at delivery side.
- Stop clock.
- **Dimension:** 1500x 1500 x 1250 mm
- **Weight:** 320kg (approx)
- **Vane compressor:** Rotary compressor, driven by 3 HP motor.
- Calibrated orifice meter with water manometer to measure air intake.

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