

ASTM D1160 Vacuum Distillation

The B/R 1100 is an easy to use ASTM D1160 (ISO 6616) Vacuum Distillation Apparatus for the distillation of petroleum products.

Automated D1160

The automated D1160 features automated control from a PC along with standard ASTM glassware. Vacuum level, bath temperature, distillation rate, are all programmable through the PC and are controlled automatically. Thousands of programs can be stored.

Automated System Features:

- Automated operation
- PC control with Windows® operating system
- Automatic generation of reports
- Easily exported data
- Automatic cleaning cycle

Semi-Automated D1160

The semi-automated D1160 features standard ASTM D1160 glassware enhanced with microprocessor control. The vacuum level, bath temperature and heating rates are programmable with up to 50 stored programs. Vapor temperature, distilling flask temperature and vacuum level are digitally displayed. Optional PC interface allows the distillation to be controlled and data to be stored on the PC. The semi-automated apparatus can be upgraded to an automated system at any time.

Semi-Automated System Features:

- Automatic vacuum regulation
- Programmable heat control
- Automated condenser temperature control
- Digital pot and vapor temperature display
- Automatic shutdown for high pot or vapor temperature for safety



Manually Operated ASTM D1160

The manually operated D1160 features standard ASTM D1160 glassware in a convenient mounting cabinet. Glassware, bath, and vacuum system are all ergonomically mounted in a cabinet with safety shields. The manually operated apparatus can be upgraded to a semi-automated system at any time.

Manually Operated System Features

- Turn-key system includes everything required for performing D1160 test
- Manually controlled vacuum with digital display
- Manually controlled heating mantle
- Digital display for vapor temperature, pot temperature and vacuum level
- Ergonomic cabinet

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