

Portable Gas Booster Test System for Sale or Rent

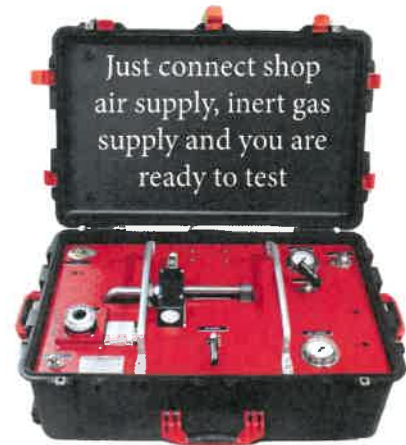
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Air driven Gas Booster Test System

MTNB10-DLE75-CASE

10,000 PSI Maximum

This rugged portable system is intended for use with nitrogen, helium, or other inert gases.



- Gas Booster model DLE75 (air driven)
- Single stage, double acting (20:1 compression ratio)
- Single air head drive (75:1 pressure ratio, gas outlet to air drive)
- Seals: Viton® O-rings and PTFE main seal
- Stainless steel high pressure sections

System Controls:

- Panel mounted, 2½" diameter gauges
 - Inlet (6,000 psi)
 - Outlet (15,000 psi)
- Safety relief valve on outlet circuit, adjustable 2,500–11,000 psi, set per customer requested value if desired (Preset to 11,000 psi)
- Manual vent valve
- Dial regulator with drive air shutoff ball valve
- High pressure switch automatically stops booster at desired outlet pressure. Field adjustable (with wrench) from 4,350 psi to 10,000 psig
- The system can be removed from the case without tools by simply lifting it out.
- Dimensions are 32" x 20" x 12" and weighs approximately 100 pounds.

The high pressure outlet switch allows the booster to run at full speed and then shut off at a preset outlet pressure. This is a useful safety feature that helps prevent over-pressurizing the test subject.

This unit is rated for 10,000 psig maximum* and will have the following connections:

- Air drive inlet: ½" FNPT at filter (145 psi maximum)
- Gas inlet: ¼" FNPT bulkhead (6,000 psi maximum)
- Gas outlet: ¼" FNPT bulkhead (10,000 psi maximum)

No other utilities required!

*To achieve 10,000 psi, 500 psi minimum inlet gas pressure required, and 130 psig air drive.

Note that outlet pressure at "stall" (no flow) condition = [(75 x air drive psi) + inlet gas psi]

The system is thoroughly tested prior to shipment and ready-to-use.

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