

# Portable Gas Booster Test System for Sale or Rent

# MAXPRO<sup>®</sup>

TECHNOLOGIES

## 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, glycerin filled  
Inlet (3,000 psi)  
Outlet (15,000 psi)
- Safety relief valve on outlet circuit, adjustable 1,000–10,000 psi, set per customer requested value if desired (Preset to 10,000 psi)
- Manual vent valve, to safely vent outlet pressure circuit to atmosphere
- Dial regulator with drive air shutoff ball valve
- High pressure switch automatically stops booster at desired outlet pressure, factory set per customer request if desired, manually adjustable (with wrench) from 4,350 psi to 10,000 psig



Controls are easily accessed by simply opening the lid of the Pelican® case. The system can be removed from the case without tools by simply lifting it out of the case. The system measures 37.5" x 27.13" x 14.37" 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 (with hose option: CGA 580 for gas bottle connection)
- Gas outlet: ¼" FNPT bulkhead (10,000 psi maximum)
- ¼" FNPT vent connection at vent valve

**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.

View the video demonstration at:

<http://www.maxprotech.com/videos.html>



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