

# Portable Gas Booster Test System for Rental or Sale



## Air driven Gas Booster Package 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 section each end

### Pressure gauges:

- Panel mounted, 2½" diameter, glycerin filled  
Inlet (5,000 psi)  
Outlet (15,000 psi)
- Safety relief valve on outlet circuit, adjustable  
1,000–10,500 psi, set per customer requested value if desired
- Vent valve, to safely vent outlet pressure circuit to atmosphere, manual operation
- 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

System operating access is achieved in seconds by simply opening the lid of the Pelican® case. Controls are presented and bulkheads located for immediate use. If desired, the system can be removed from the case without tools, by simply lifting it out of the case. The system case measures 28½" x 19¾" x 12½" and has an approximate total weight of 100 pounds.

The high pressure outlet switch allows the booster to run at full speed, and shut off at a preset outlet pressure. This feature increases the safety of the pressure test by not over-pressurizing the test subject due to human error (distraction).

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

- Air drive inlet: ½" FNPT at filter (150 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)

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]

All components are strategically and conveniently mounted and plumbed within a compact portable stainless steel frame. The operating panel is ergonomically sloped for easy viewing of gauges and adjustment of manual controls. The system is thoroughly tested prior to shipment and ready-to-use provided pilot switch settings were advised by customer and set by Maxpro.

View the video demonstration at:

[http://www.maxprotech.com/maxprovideo.html#portable\\_gas\\_booster\\_system](http://www.maxprotech.com/maxprovideo.html#portable_gas_booster_system)



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