# **Gas Booster Packages**

# **TYPE HIHPG1**

#### **DESCRIPTION:**

Booster mounted on kick stand equipped, single gas cylinder hand truck. Enables operation upright or at 45% angle for added stability. Options provide for drive power from either the cylinder gas or shop air, or both choices.

#### PRIMARY APPLICATION:

Accumulator N2 servicing, aircraft ground support.





Stationary unit ready to receive supply cylinder.

APPROXIMATE DIMENSIONS: 39"W x 13"D x 46"H

### **TYPE HIHPG3**

#### DESCRIPTION:

Booster supports all piping, gauges and controls, so that booster's standard foot brackets provide the mounting. Drive controls enable powering the unit from either the inlet gas or shop air. PCV valve and relief valve provide adjustable, automatic outlet pressure control. Note: Outlet gauge not included.

#### PRIMARY APPLICATION:

Fire Dept., hasmat, dive shop breathing gases.

APPROXIMATE DIMENSIONS: 34"W x 14"D x 14"H

### **TYPE HIHPG5**

#### DESCRIPTION:

Booster mounted in a tubular frame with carry handle. Includes drive controls that enable powering the unit from either the high pressure inlet gas or low pressure shop air, PCV valves that sense both gas inlet & outlet pressures to automatically stop the booster when either minimum inlet or maximum outlet pressures are reached, gas inlet & outlet gauges, and relief valve.

PRIMARY APPLICATION: Accumulator N2 charging and high pressure gas testing

APPROXIMATE DIMENSIONS: 30"W x 12"D x 12"H

- Output range: 1000 - 10,000
   PSI
- Booster models 3G; 5G-SS-14, -30, -50, -75
- Gases: nitrogen, helium, argon,



Mobile unit with supply cylinder ready for operation.

APPROXIMATE DIMENSIONS: 39"W x 13"D x 38"H

- Output Range: 2,500-6,000 PSI. Maximum inlet varies by model-Ref. catalog GB500.
- Booster Models: 5G-DS, -DD, -TS & -TD series.
- Gases: Breathing air (-50°D.P. min.), nitrogen, helium, argon, oxygen



# **TYPE HIHPG2**

#### DESCRIPTION:

Booster mounted in an aluminum tubular frame with controls for air drive up to 150 PSI. PCV valves sense both gas inlet and outlet pressures to automatically stop the booster when either minimum inlet or maximum outlet pressures are reached enabling unattended operation. Panel mounted gauges read gas inlet and outlet. The drive air gauge is behind the panel for reference.

#### **PRIMARY APPLICATION:**

High Pressure gas testing, Gas injection and Gas transfer to portable bottles.

#### APPROXIMATE DIMENSIONS: 33"W x 17"D x 18"H

Output range:

- 1000 25,000 PSI • Booster Models: Select from
- catalog GB500 • Gases: Most cylinder gases used in industry & life support

applications.



## **TYPE HIHPG4**

#### DESCRIPTION:

Booster mounted on a watertight protective case (control panel is optional). Drive controls enable powering the unit from inlet gas or shop air, or both choices. PCV valve (s) and relief valve provide adjustable, automatic outlet pressure control.

#### PRIMARY APPLICATION:

Life support, hasmat, general aviation, dive shop, military

#### APPROXIMATE DIMENSIONS:

22"W x 13"D x 8"H (3G Series) 25"W x 22"D x 12"H (5G-SS Series) 33"W x 21"D x 12"H (5G-SD, -DS, -TS Series)

- Output range: 1000 – 10,000 PSI
- Booster models: 3G; 5G-SS, -SD, -DS, -TS series
- Gases: Most cylinder gases used in industry and life support applications.



### **TYPE HIHPG6**

#### DESCRIPTION:

Booster mounted on a rigid skid with control panel. Includes drive controls that enable powering the unit from either the high pressure inlet gas or low pressure shop air, PCV valves that sense both gas inlet & outlet pressures to automatically stop the booster when either minimum inlet or maximum outlet pressures are reached, gas inlet & outlet gauges, relief valve, outlet on/off valve and vent valve.

PRIMARY APPLICATION: High pressure gas testing, gas injection and gas transfer.

APPROXIMATE DIMENSIONS: 34"W x 14"D x 14"H





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# **Model Number Construction:**

1       2       3       4       5       6       7         TYPE - BOOSTER - DRIVE CONTROLS - INLET GAUGE - OUTLET GAUGE - INLET - OUTLET         Select:         • HIHPG1       • HIHPG2         • HIHPG3       • Select       Range       Dial Size by Type of Unit         • HIHPG3       • HIHPG4       1K       0-1000       2 1/2"       4"         • HIHPG5       • HIHPG6       3K       0-3000       2 1/2"       4"         • K       0-2000       2 1/2"       4"       4K       0-4000       2 1/2"       4"         • HIHPG6       • K       0-6000       2 1/2"       4"       4K       0-4000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       • Specify any modification       10K       0-10,000       2 1/2"       4"         • Specify any modification       20K       0-20,000       2 1/2"       4"       4"
Select: • HIHPG1 • HIHPG2 • HIHPG3 • HIHPG4 • HIHPG5 • HIHPG6 • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.) • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.) • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.) • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.) • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.) • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)
• HIHPG1       HIHPG2         • HIHPG3       File         • HIHPG4       HIHPG4         • HIHPG5       1K         • HIHPG5       2K         • HIHPG6       2K         • HIHPG5       3K         • HIHPG6       3K         • HIHPG6       4K         • HIHPG6       5K         • HIHPG6       6K         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)
• HIHPG1       • HIHPG2         • HIHPG3       • HIHPG4         • HIHPG5       • HIHPG5         • HIHPG6       • HIHPG6         • HIHPG7       • HIHPG6         • HIHPG7       • HIHPG7         • HIH
<ul> <li>HIHPG2</li> <li>HIHPG3</li> <li>HIHPG4</li> <li>HIHPG5</li> <li>HIHPG6</li> <li>HIHPG6</li> <li>HIHPG5</li> <li>HIHPG6</li> <li>HIHPG6</li> <li>Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)</li> <li>HIHPG1, -G3.)</li> <li>HIHPG1, -G3.</li> <li>HIHPG1, -G3.</li> <li>HIHPG2</li> <li>HIHPG1, -G6</li> <li>HIHP-G1, -G6</li> <li>HIHP-G1, -G6</li> <li>HIHP-G1, -G6</li> <li>HIHP-G1, -G6</li> <li>HIHP-G2</li> <li>HIHP-G1, -G6</li> <li>HIHP-G2</li> <li>HIHP-G1, -G3.</li> <li>HIHP-G1, -G3.&lt;</li></ul>
<ul> <li>HIHPG3</li> <li>HIHPG4</li> <li>HIHPG5</li> <li>HIHPG6</li> <li>IK 0-1000 2 1/2" 4"</li> <li>2K 0-2000 2 1/2" 4"</li> <li>3K 0-3000 2 1/2" 4"</li> <li>4K 0-4000 2 1/2" 4"</li> <li>5K 0-5000 2 1/2" 4"</li> <li>5K 0-5000 2 1/2" 4"</li> <li>6K 0-6000 2 1/2" 4"</li> <li>6K 0-6000 2 1/2" 4"</li> <li>10K 0-10,000 2 1/2" 4"</li> <li>10K 0-10,000 2 1/2" 4"</li> <li>15K 0-15,000 2 1/2" 4"</li> <li>15K 0-15,000 2 1/2" 4"</li> </ul>
• HIHPG4         • HIHPG5         • HIHPG6         • HIHPG6         • HIHPG6         • HIHPG6         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)
• HIHPG5       • HIHPG6         • HIHPG6       3K       0-3000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"
• HIHPG6       3K       0-3000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"
4K       0-4000       2 1/2"       4"         5K       0-5000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"         15K       0-10,000       2 1/2"       4"       4"       4"
• Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"         • Use Catalog GB500 to select a model. (Note limitations with types HIHP-G1, -G3.)       6K       0-6000       2 1/2"       4"
select a model. (Note         10K         0-10,000         2 1/2"         4"           limitations with types         15K         0-15,000         2 1/2"         4"           HIHP-G1, -G3.)         20K         0 20 000         2 1/2"         4"
limitations with types         15K         0-15,000         2 1/2"         4"           HIHP-G1, -G3.)         20K         0.20,000         2 1/2"         4"
HIHP-G1, -G3.)
• Specify any modulcation
(O, V, or X) <sup>(4)</sup> 35K 0-35,000 Not avail. 4"
Specify stainless     P Port only-suitable for customer to
steel frame for type install a non-standard gauge
HIHPG2S and HIHPG5S Notes:
1. All gauges stainless steel with non-filled Specify:
cases. 6" is solid front, blow out back.       Valve A Inlet PSI         Select:       2 Accuracy:
Select:2. Accuracy:Valve B Outlet PSI• GFD Gas for Drive2 1/2" dial: ± 1% full scale.Valve B Outlet PSI
(Except $O_2$ ) 4" dial: $\pm 1/2\%$ full scale.
SAD Shop Air for Drive     Units: PSI, single scale.
GFD-SAD Both     3. Outlet Gauge on type HIHPG3 is not a
standard option.
4. If oxygen (-0) mod. is specified all other
components in O <sub>2</sub> contact will be compatible.
EXAMPLE
1         2         3         4         5         6         7
HIHPG2S - 5G-TS-14/30 - SAD - 3K - 3K - A200 - B2500
This is a • Stainless Steel Tubular Frame System Package
With Model 5G-TS-14/30 Booster
With Shop Air for Drive (GFD not a standard option)
With 3000 PSI Inlet and Outlet Gauges
With PCV Valve Settings of 200 PSI Inlet, 2500 PSI Outlet

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