

CO2 & N2 FILLING SYSTEM



The Test Rig is Pneumatic System use to fill the Carbon dioxide in cylinder at a pressure of 3400psi and at temperature 160 F can be set. This machine is very well known for its robust working which will be very helpful in the Aviation Field.

SPECIFICATION

- Arrangement to carry out static pressure testing of a maximum pressure of 3400PSI.
- Pressure transmitter and Bourdon gauge for pressure reading.
- 5 Micron Filters in the pneumatic lines.
- Proportional Pressure regulators are provided in the system for controlled filling.
- CO2 haskel pump (Air drive Pump) is provided with maximum outlet pressure of 3400 PSI.
- N2 haskel pump (Air drive Pump) is provided with maximum outlet pressure of 4500 PSI.
- HMI is provided on the front panel to control the system in Auto mode.

KEY FEATURES

- Haskel pump is used which is known for its long life and low maintenance.
- Easy to start (green button) and stop (red button).
- Infinitely variable cycling speed (flow rate).
- No limit or adverse effect to continuous stop/start applications.
- Pump seals are self-lubricated requiring no external air line lubricator.
- Reliable, easy to maintain, compact and robust.
- Emergency stop button is provided on the front panel to Stop the system in any Worst condition.

APPLICATION

- CO2 Filling Station.
- Temperature and Pressure controlled machine for CO2
- Leak Testing Machine