

# NEOMETRIX

## CNG Circuit Leak Tester

### About

Whole system is divided into three parts:

(a) Nitrogen Bank: - This section contains a Nitrogen supply bank consisting of four 40 liters of nitrogen filled cylinders at 150 Bar (max). There is an automated selection of nitrogen supply according to respective pressures of cylinders.

(b) Main Panel Section: - This section contains low pressure Air Driving Unit which consists of low pressure solenoid valves, air filter & regulator assembly to supply regulated and filtered air for driving of Gas Booster. This section also contains an air driven Gas Booster with a reservoir.

(c) Dispenser Section: - This section contains a regulated supply of Nitrogen at high pressure. This high pressure is generated in three stages (Step Pressurization). This section consists of pressure regulating components and process controlling.



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## TECHNICAL DETAILS

1. Regulated Dry Air supply - 4-7 Bar
2. Flow Requirement - 40-60 CFM (Avg.)
3. Air filtration for driving Gas Booster - 5 $\mu$  filter
4. Dry Nitrogen filtration for Boosting - 7 $\mu$  filter, -40° DPT
5. Electrical supply - 220-240 V AC, Single phase, 50 Hz.





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## KEY FEATURES

- Haskel Gas Booster and Accessories
- Swagelok Filter, Fittings
- Swagelok solenoid Valve
- Hoses
- SMC Air Pressure Regulator, Filter.
- Swagelok Relief valve
  
- Swagelok Ball valve, Regulator
- Wika Pressure Gauges
- SMC Solenoid valve
- Wika Pressure Transmitter
- EKC cylinder
- DRO



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## Application

1. Automobiles industry
2. CNG Cylinder manufacturing industry
3. Automobiles Service Industry

