

**NITROGEN GENERATOR WITH OIL FREE COMPRESSOR – 1No.  
Doc. No: ST/12/Nitrogen Generator/2016-17/44**

**Proposed Application:**

For use with the micro / macro concentrator and for the continuous supply of dry nitrogen to the evaporator / concentrator for the purpose of chemical contaminants

**Features:**

- Inbuilt air compressor
- Low operation noise
- Compatible for easy mobility
- Economical and small foot print

**Specifications:**

1. Nitrogen flow rate: 10 L/min @ 100psi inlet pressure
2. Nitrogen purity: 95 - 99.5%
3. Min/ Max Operating Temperature: 5°C - 50°C
4. Max Relative Humidity:  $\pm$  70%
5. Particles: < 0.02  $\mu$ m
6. Noise Level < 50 dB(A) or better
7. Max flow rate: upto 100psi
8. Auto drain trap
9. Pollution degree: 2 or better

**Optional Items: Any additional accessories to complete the system to be quoted also with suitable good quality air compressor.**

**Maintenance kit if any and spares required for 5 years to be quoted under optional**