

MG1100 Nitrogen Generator

NSN 3655-01-544-2362

Overview

The MG1100 was designed to allow users of bottled nitrogen to be independent of the logistical problems caused by having to find pressurized nitrogen gas suppliers. With its small footprint and standard electrical requirements (115 VAC, 20 amp circuit) it can operate in the field at the user/operator level and in the maintenance shops through all levels of maintenance support. The MG1100 will produce up to 30 liters of nitrogen gas per minute @ 4500 psi simply by attaching a 100-150 psi compressed air source with a minimum 7.5 CFM flow (recommended 11.5 CFM compressor). It will fill a standard storage bottle/vessel or it can be used to fill several standard bottles in a cascade. An empty "K" bottle can be filled in less than 4 hours and an empty M198 Howitzer equilibrater and recuperator can be easily filled in less than 2.5 hours. The MG1100 can be left on 24 hours a day, 7 days a week and it will automatically turn on when bottle/vessel pressure drops below desired setting.

Specifications

- Weight: 240 pounds
- Creates 14-30 liters of Nitrogen per minute
- Requires a 100-150 psi air source
- Small foot print
- Maximum outlet pressure can be customized to individual needs
- 4500 psi maximum outlet pressure
- 115 VAC
- Nitrogen produced @ 96 to 99% purity and -40 dew point
- Alarm/Shutdown for nitrogen purity below 96%
- Inlet compressed air dirty filter indicator
- Easy to use
- Outlet pressure gauge
- Outlet bleeder valve
- Integrated pressure switch to shut unit down at desired pressure



Ordering Information

- To Order Call 1-888-922-8502
- Mandus Group Ltd. accepts VISA and Government Impact VISA Cards

