MEMBRANE TECHNOLOGY

The South-Tek Systems N2-GEN® M (Membrane) Series Nitrogen Generator is engineered for the more cost sensitive applications where higher pressures between 115 - 225 PSI and/or portability is required. The M Membrane Series is capable of producing from 95% to 99.5% N2 purity, and can provide N2 flow rates up to 100,000 cubic feet per hour (SCFH).

“Make your own Nitrogen with the N2-GEN® M Series and never wait for a delivery again...”

Cost Savings.
South-Tek’s N2-GEN® M Series is more cost-effective than purchasing & maintaining either banks of N2 cylinders or N2 liquid bulk storage tanks. In most cases, up to 90% in N2 cost savings.

NITROGEN

• Inert, clean, dry, non-flammable gas
• Has less than -10°F dew point
• Does not support the corrosion reaction
• Prevents oxidation of non-metallic components

N2 LIQUID BULK FACTS

• Liquid N2 boils at -320 degrees farenheit
• 2% of your tank volume can be lost due to evaporation every 24 hours
• No precise Liquid N2 volume readings from delivery truck when delivered
• Inconvenient, unsafe, and unreliable
• Locked into a gas contract and constantly paying bills
**N2-GEN® M Series Specifications**

### TYPICAL INSTALLATION AND SYSTEM LAYOUT

**SYSTEM BENEFITS**

**N2-GEN® M Series - Nitrogen Generator**

- Generate your own nitrogen on demand
- Reduce your nitrogen costs by up to 90%
- Fast payback with 2-14 month ROI over bulk liquid
- DAS / Purity Certification included with each system
- Systems life expectancy of 8 - 13 years
- No missed deliveries, escalating costs, or contracts to sign
- Fully automatic and energy efficient - production begins when demand downstream is sensed

**PRODUCT SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Skid or Cabinet</th>
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<tbody>
<tr>
<td>Product line: M Series</td>
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<tr>
<td>N2 Purity</td>
<td>95% - 99.5%</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>up to 100,000 SCFH</td>
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<td>N2 Pressure Out (max)</td>
<td>225 PSIG</td>
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<tr>
<td>N2 Storage Tank</td>
<td>Varies</td>
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<tr>
<td>Maintenance</td>
<td>Annual (Filter Kits)</td>
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<tr>
<td>Warranty</td>
<td>1 Year¹</td>
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1 Per South-Tek Systems Terms & Conditions. Extended warranty options are available.