

Assist, Purge and Pierce Gas Generators

Air And Nitrogen Generators For Fiber And Co₂ Lasers

Generated Nitrogen (GN2)

Series P7 - Nitrogen Generator
For up to 40,000 cfm at 435 psig



Dehydrated Air Assist Gas Cutting

Models D7H-F50, D7H-F75, D7H-F100
Flow - 50, 75, 100 CFM

Low dewpoint and THC content - 200 PSIG, or 410 psig systems



Dyhydrated Air System

Series D - Air Dehydrator
CO₂ Laser Air Beam Pathway Purging
Fiber Laser Air Head Purge and/or Head cooling and/or piercing



❶ Assist Gas Generator - Nitrogen

Model P7-F4000, 8,000, 12,000 and larger

- N₂ Flows at up to 40,000 cfm at 435 psig
- Purity range 95-99.9%

❷ Beam Purge Gas Generator Nitrogen*

M1-126 or M1-317

- Nitrogen flows at 126 or 317 cfm at 99.5% purity
- *(not pictured)* CO₂ Laser Beam Pathway Purging 126 to 317 cfm with 120 psig clean air inlet
- Fiber Laser N₂ head purging or head cooling

❸ Beam Purge Gas Generator Dry Air

D13, D18, D26, D33, D40

- Pore size 0.01, removes water
- Max pressure 145 psig
- CO₂ Laser Air Beam Pathway Purging
- Fiber Laser Air Head Purge and/or Head cooling and/or piercing D13, D18, D26, D40
- Flow rates up to 40 scfm
- Air drier than -40 °F