

ON SITE GENERATING *solutions for...*

**The Industry's Choice for
Gas Supply for
API LC/MS/MS Analysers**



ON SITE GENERATING SOLUTIONS PTY LTD
15 – 19 Hillside Street Bacchus Marsh VIC. 3340
PO Box 754 Bacchus Marsh VIC. 3340
Tel: +61 3 5367 8277 Fax: +61 5367 6477
Email: info@onsitegenerating.com
Website: onsitegenerating.com

ON SITE GENERATING *solutions for...*

Nitrogen Generators for API LC/MS/MS Analysers

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ON SITE GENERATING *solutions for...*

COMPANY PROFILE

Exclusively Available in Australia

On Site Generating Solutions Pty Ltd specialises in complete turnkey gas generating systems and is dedicated to the supply, installation and service of these systems throughout Australia.

On Site Generating Solutions offers the leading brands direct from the manufacturers and provide the most extensive range of gas generators available in Australia. The range covers the high purity needs of laboratories including specially designed systems for LC/MS/MS analysers plus API LC/MS/MS analysers, and the larger flow requirements of manufacturing, packaging, storage and other industrial applications.

These gas generators, gas management systems and software packages provide a safe and convenient means of producing pure gas cost effectively with pay back periods often less than 12 months.

On Site Generating Solutions offers an extensive range of products & services to meet the gas generating needs of various industries and applications.

On Site Generating Solutions offer extensive support, training and many value added services throughout Australia and continues to strive to offer the highest levels of service and knowledge that are only achievable through dedication and specialisation in gas generating systems.

On Site Generating Solutions offices and contacts:

HEAD Office - Contacts

Managing Director – Pat Griffin

Email: patgriffin@onsitegenerating.com

Sales & Marketing Director – Kaye Griffin

Email: kayegriffin@onsitegenerating.com

Service Engineer – Richard Donaldson

Email: richardd@onsitegenerating.com



ON SITE 'Prevention Plus'

is setting a new standard of customer service. And the beginning of a much closer relationship between On Site Generating Solutions and you.

ON SITE 'Prevention Plus' has been developed to provide a priority service and savings to you on all our gas generators.

The Promise of ON SITE 'Prevention Plus'

Our promise: to make On Site Generating Solutions resources and skills work harder and better for you

- ◆ To make things happen quickly.....
- ◆ To save you time and money.....
- ◆ To make life easier for you.....

ON SITE 'Prevention Plus'

... a new era of customer service.

ON SITE GENERATING *solutions for...*

LC/MS/MS Nitrogen Generator customer support program

On Site Generating Solutions has introduced a customer support program available to LC/MS/MS customers using PEAK Scientific Instruments nitrogen generators.

This program is available to all customers within Australia, and offers the following features:

- ◆ Gas & Site Evaluation
 - This service can be provided over the phone and or conducted at the customer site (with sufficient advice to arrange travel)
 - Available to customers seeking a system to meet various instrument gas requirements
- ◆ Installation Quotation, Recommendations
 - The PEAK systems are designed as 'plug & play' systems, however there are always exceptions based on meeting customer needs. Therefore, we provide the support and where required conduct installation.
- ◆ After Sales Service Program
 - 1 month after delivery – customer service telephone call to confirm all is running as required with the gas generator
 - 6 months after delivery – review of generator performance and maintenance requirements
 - offer 12 months maintenance service kit
 - 12 months after delivery – review of generator performance and maintenance requirements
 - offer 12 month maintenance service kit
 - Annual telephone call
- ◆ Preventative Maintenance Service Kits
 - Kits are available for scheduled maintenance, this can be conducted by the customer or by On Site Generating Solutions
- ◆ On Site Prevention Plus
 - Comprehensive preventative maintenance and on-call service programs are available

The objective of this customer support program is to:

- ◆ further extend the level of service and support offered direct to the end user of the gas generators at regular intervals each year
- ◆ proactively promote the importance of regular maintenance of gas generators to ensure maximum efficiency and longevity of the system is achieved
- ◆ provide support and service to the equipment
- ◆ remove the added requirement for the end user to develop expertise in the diagnosis and maintenance of gas generators
- ◆ create satisfied and happy customers

This customer support program is available to all users of PEAK Scientific Instruments gas generators throughout Australia.

ON SITE GENERATING solutions for...

API LC/MS/MS Gas Station model NM20Z

The NM20Z manufactured by PEAK Scientific Instruments is a self contained Gas Station designed specifically for the API Analyser Range. If you have an air supply (dry & oil-free @ 110 psig delivery pressure), the PEAK Scientific Instruments NM20Z membrane nitrogen generator can be attached to your air line.

FEATURES & BENEFITS

- ♦ Three gas lines from one system
- ♦ No more cylinders, regulators, re-ordering or safety issues
- ♦ Quiet operation
- ♦ Simple to install to any analyser
- ♦ No electrical requirements
- ♦ Wall mountable
- ♦ 24 hour operation



*PEAK Scientific Instruments
NM20Z Nitrogen Generator*

Specification

NM20Z

Curtain gas (nitrogen)	5 l/min @60 psi
Source gas (zero air)	17 l/min @ 100 psi
Exhaust gas (air)	8 l/min @60 psi
Air Pressure Req'd	110- 130 psi
Pressure Dewpoint	-40°C / -40°F
Particles >0.01 micron	None
Suspended Liquids	None
Outlets ¼"	3
Pressure Gauges	3
Phthalates	None
Electrical Requirements	None
Noise	Quiet
Dimensions	76 x 25 x 20 cm
Shipping Weight	26 kg
Unit Weight	13 kg

System is designed to meet the flow and pressure requirements of:



ON SITE GENERATING solutions for...

API LC/MS/MS Gas Station model NM20ZA

The NM20ZA manufactured by PEAK Scientific Instruments is a self-contained Gas Station designed specifically for the API Analyser Range. It is a plug and play system, fully tried and tested. You will be operational in minutes and running analysis without interruption.

FEATURES & BENEFITS

- ◆ Built in quiet air compressor
- ◆ Three gas lines from one system
- ◆ No more cylinders, regulators, re-ordering or safety issues
- ◆ Quiet operation
- ◆ Simple to install to any analyser – only requires connection to a standard electrical supply
- ◆ Fully mobile
- ◆ 24 hour operation



*PEAK Scientific Instruments
NM20ZA Nitrogen Generator*

Specification	NM20ZA
Curtain gas (nitrogen)	5 l/min @ 60 psi
Source gas (zero air)	17 l/min @ 100 psi
Exhaust gas (air)	8 l/min @ 60 psi
Pressure	System set
Internal Air Compressor	Yes
Pressure Dewpoint	-40°C / -40°F
Particles >0.01 micron	None
Suspended Liquids	None
Mobile	Yes
Outlets ¼"	3
Pressure Gauges	3
Phthalates	None
Electrical Requirements	230v - 50/60Hz 5.0A
Noise	59dB (A)
Dimensions	94x67x61 cm
Shipping Weight	171 kg
Unit Weight	120 kg

System is designed to meet the flow and pressure requirements of:



ON SITE GENERATING solutions for...

API LC/MS/MS Gas Station model N100DR

The NitroGen N100DR has been tested by World Leading Laboratory Instruments Manufacturers.

The N100DR has been designed specifically to supply Nitrogen to all API LC/MS/MS, offering Curtain Gas, Source Gas and Exhaust Gas in flow rates and purities suitable for these applications and comes set at recommended pressures. This highly sophisticated NitroGen features dual redundancy air compressors, resulting in uninterrupted supply of gas and therefore 100% LC/MS uptime even if one of the compressors failed. New robust design and the use of quality components further lengthen the lifetime of the compressors with even less maintenance requirements.

The intelligent PLC offers integrated self diagnostics which will alert the user if a fault or leak has been detected, service is required and aid remote fault "finding resulting in further minimizing downtime. The High Standards at Peak Scientific make this not only the most sophisticated gas generator on the market, but also the most reliable and intelligent solution for your LC/MS/MS API gas requirements.

Technical Specifications

Curtain Gas (Nitrogen)	12 l/min @ 60 psi
Source Gas (Zero Air)	26 l/min @ 100 psi
Exhaust Gas (Air)	8 l/min @ 60 psi
Internal Air Compressors	Yes/ Dual Redundancy
Pressure Dewpoint	-40 C / -40 F
Particles >0.01 micron	None
Suspended Liquids	None
Max Ambient Operating Temp.	25 C / 77 F
Outlets 1/4"	3
Pressure Gauges	3
Phthalates	None
Electrical Requirements	230v 50/60 Hz 8.4A
Noise Level	57 dB(A)
Dimensions (cms/ ins)	95 x 59 x 71 37 x 23 x 28
Weight (kg)	145



PEAK Scientific Instruments
N100DR Nitrogen Generator

FEATURES & BENEFITS

- **Dual Redundant Air Compressors** - Uninterrupted supply of compressed air
- **Improved Reliability** - Less generator downtime
- **Integrated Self Diagnostics** - Intelligent LCD alerts user at service intervals, faults, leaks to avoid downtime
- **Quiet in Operation** - Not audible in lab
- **Mobile** - Flexibility to position generator where required, even under standard lab bench
- **Reduced Cost of Ownership** - 12 month service intervals- various service options available

System is designed to meet the flow and pressure requirements of:



ON SITE GENERATING solutions for...

API LC/MS/MS Gas Station model N300DR

Self Contained Solution: NitroGen N300DR

The Peak Scientific N300DR Gas Station offers a high purity supply of nitrogen and zero air with the knowledge that replacements of tanks and liquid dewars are a thing of the past. Operating with a dual redundancy internal air supply, the N300DR continuously supplies a clean, dry, phthalate-free nitrogen as your curtain gas, and zero grade air for your source gas and exhaust gas.

Cost and safety concerns are also greatly reduced, because once the N300DR Gas Station is operational, it requires virtually no attention and will produce gas on demand. Eliminating the need to purchase and move cylinders will put an end to operator error and ever-increasing gas costs. Besides these savings, the N300DR Gas Station will provide long-term stability by eradicating the risk of gas shortages in your lab.

Immediate Performance

The N300DR Gas Station is easy to install and simple to use. It is suitable for all API models up to and including the API 5000™ LC/MS/MS System, as well as the QSTAR® and Q TRAP® Systems.

Technical Specifications

Curtain Gas (Nitrogen)	12 L/min @ 60 psi
Source Gas (Zero Air)	26 L/min @ 100 psi
Exhaust Gas (Air)	8 L/min @ 60 psi
Internal Air Compressor	Yes
Pressure Dewpoint	-40° C / -40° F
particles >0.01 micron	None
Suspended Liquids	None
Mobile	Yes
Outlets 1/4"	3
Pressure Gauges	3
phthalates	None
Electrical Requirements	230 V 50/60 Hz 8.4 A
Noise	57 dB (A)
Dimensions (W x D x H)	95 x 59 x 71 cm 37 x 23 x 28 in
Weight	145 kg/320 lb
Operating Temperature	25° C / 77° F



The N300DR Gas Station supplies all required gases from one single system and no external air connections are required.



The N300DR will supply gas to all Applied Biosystems / MDS SCIEX LC/MS/MS Instruments, including the API 5000™ LC/MS/MS System (above)

System is designed to meet the flow and pressure requirements of:



ON SITE GENERATING solutions for...

API LC/MS/MS Compressed Air Model A320DR

Tandem Solution: NM20Z and In-house Gas Supply

The NM20Z, delivering high purity nitrogen and zero air, is the ideal solution for smaller laboratories. The NM20Z is small in size and is wall-mountable, producing a clean, dry, phthalate-free nitrogen as your curtain gas, and zero grade air for your source gas and exhaust gas.

The NM20Z is easy to install and requires virtually no attention once operational. Producing gas on demand, this system will eliminate the need to purchase and move cylinders and therefore put an end to operator error and ever-increasing gas costs. In addition to these savings, the NM20Z hardly requires any maintenance and will provide long-term stability by eradicating the risk of gas shortages in your lab. It can either be connected to your in-house supply of dry, compressed air or to Peak Scientific's AirGen A320DR.

With the AirGen A320DR being designed to supply dry, compressed air to the NM20Z, this tandem solution will be the answer to your gas requirements. Operating on a dual redundancy compressor system, the AirGen A320DR ensures continuous service—eliminating interruptions of analysis in your laboratory. The AirGen gives you the flexibility to have your air supply in a different location than your wall-mountable NM20Z.

Immediate performance

The NM20Z Gas Station is easy to install and simple to use. It is suitable for all API models up to and including the API 5000™ LC/MS/MS System, as well as the QSTAR® and Q TRAP® systems.



The NM20Z Gas Station and AirGen A320DR combine to increase the efficiency of your lab.

Technical Specifications - A320DR

Electrical Requirements	230 V 50/60 Hz 8.4 A
Dimensions (W x D x H)	95 x 59 x 71 cm 37 x 23 x 28 in
Weight	145 kg / 320 lb

Technical Specifications - NM20Z

Curtain Gas (Nitrogen)	12 L/min @ 60 psi
Source Gas (Zero Air)	26 L/min @ 100 psi
Exhaust Gas (Air)	8 L/min @ 60 psi
Air Pressure Required	110–130 psi
Internal Air Compressor	No
Pressure Dewpoint	-40° C / -40° F
Particles >0.01 micron	None
Suspended Liquids	None
Mobile	Yes
Outlets 1/4"	3
Pressure Gauges	3
Phthalates	None
Electrical Requirements	None
Noise	None
Dimensions (W x D x H)	77 x 26 x 21 cm 30 x 10 x 8 in
Weight	13 kg / 29 lb
Operating Temperature	25° C / 77° F

System is designed to meet the flow and pressure requirements of:



ON SITE GENERATING *solutions for...*

API LC/MS/MS Automatic **Change Over Switch**

The Automatic Gas Change Over Switch pneumatically operated is designed for gas delivery applications requiring an uninterrupted gas flow and greater in-line security. Automatic Gas Change Over Switch will automatically measure incoming gas pressure and change over to another supply when the pressure drops to below a preset level. The system has no electrical requirements making it ideal for sitting in hazardous locations. Fully automatic in operation the Automatic Gas Change Over Switch is self-contained, compact system to ensure a continuous supply of gas. The Automatic Gas Change Over Switch is ideal for non-corrosive, non-toxic gases and is easy to install requiring no special attachments or fittings.



*Peak Scientific Instruments
Automatic Changeover Switch
ASC001*

FEATURES & BENEFITS

- Self Contained
- Ideal for Hazardous Locations
- Automatic
- Ideal for Non-Corrosive, No-Toxic Gases

Technical Specifications

Min Inlet Pressure	2 bar / 30psi g
Max Inlet Pressure	10 bar / 150psi g
Inlet Port	1/8" BSPP Female
Outlet Port	1/8" BSPP Female
Max Flow Rate	25 l/min
Dimensions (cms)	18 x 30 x18
Weight (kg)	4

ON SITE GENERATING solutions for...

LC/MS/MS Nitrogen Generator Service kit for NM20ZA

ANNUAL SERVICE KIT (08-4434)

Includes the following parts:

- ◆ (02-4187) x 4 Filter Inlet Pads For Compressor - must be changed every **6 months** on each compressor
**Failure to change the filter elements every 6 months will cause the compressor to work harder to draw air into the pump & invalidate the product warranty.*
- ◆ (02-4335) x 2 Filter Elements For Afd3000-02c 0.01um - must be changed every **12 months**
- ◆ (00-4425) x 2 Filter Element For Reverse Active Carbon (RAC) - must be changed every **12 months**

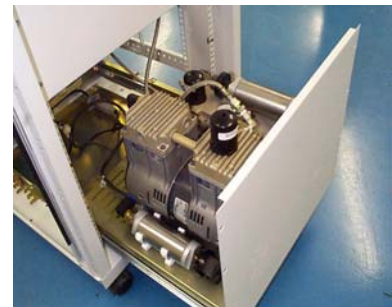


AIR COMPRESSOR MAINTENANCE

Air compressor maintenance is essential after 6000 hours use OR after 18 months, whichever comes first:

There are 2 compressors inside the system (one small & one large)

- ◆ (06-5530) Small Compressor Service Kit Thomas 2628
- ◆ (06-5529) Large Compressor Service Kit Thomas 2750



Routine service is critical in order to maintain the performance of the generator. These items must be inspected and replaced as per the above instructions. Consideration should also be given to the generator environment, ambient conditions and intensive usage, all of which can contribute to the need for more frequent service intervals. Please refer to the user manual for maintenance instructions.

Replacement Compressors are also available:

- ◆ (06-5513) Small Compressor - Model 2628 (230v)
- ◆ (06-5514) Large Compressor - Model 2750 (230v)
- ◆ (08-4649) Compressor Tray Assembly (230v) Inc

Packaging



*PEAK Scientific Instruments
NM20ZA Gas Station*



ON SITE 'Prevention Plus'

Preventative Maintenance Plans
and
On-Call Service
from

On Site Generating Solutions Pty Ltd

Welcome to ***ON SITE 'Prevention Plus'***

ON SITE 'Prevention Plus' is setting a new standard of customer service. And the beginning of a much closer relationship between **On Site Generating Solutions** and you.

ON SITE 'Prevention Plus' has been developed to provide a priority service and savings to you on all our gas generators.

The Promise of ***ON SITE 'Prevention Plus'***

Our promise: to make **On Site Generating Solutions** resources and skills work harder and better for you

To make things happen quickly.....

To save you time and money.....

To make life easier for you.....

Welcome to ***ON SITE 'Prevention Plus'*** and a new era of customer service

Your Promise of Priority

From today, you can benefit from the very best we have to offer with **ON SITE 'Prevention Plus'**

- **Priority Maintenance**

If you have any problem with your equipment supplied by **On Site Generating Solutions**, simply call us, quote your **ON SITE 'Prevention Plus' Agreement Number** and we'll fix it ...quickly and efficiently

- **Performance Assurance Guarantees**

With **ON SITE 'Prevention Plus'** you may choose from either

- On-call service at current service hourly rates **OR**
- Planned maintenance agreement at a pre-determined cost

- **Special offers**

As a valued **ON SITE 'Prevention Plus'** customer, you will be invited to take advantage of special discounts on many of **On Site Generating Solutions** products and services.

- **Permanent Records**

We will maintain a permanent record of your **On Site Generating Solutions** equipment. You may access this at any time by simply quoting your **ON SITE 'Prevention Plus' Contract Number**

ON SITE 'Prevention Plus' Guaranteed Planned Maintenance

You are using equipment which is amongst the very best of its type in the world. This equipment does require regular maintenance if it is to function at On Site efficiency and enjoy extended life. Now **On Site Generating Solutions** offers a range of ***ON SITE* 'Prevention Plus'** maintenance plans to meet your specific needs.

- **The Warranty Extension Plan**

Our most comprehensive ***ON SITE* 'Prevention Plus'** plan includes:

Bi-annual preventative maintenance call

The supply of all parts and labour at no charge for both preventative maintenance and for on-demand service

Priority service

This plan is a full warranty extension.

- **The Labour Plus Plan**

This ***ON SITE* 'Prevention Plus'** plan includes:

All labour and travel at no charge

Priority service

- **The Annual Maintenance Plan**

This ***ON SITE* 'Prevention Plus'** plan includes:

An annual preventative maintenance visit

Travel, labour and specified maintenance parts at no charge

ON SITE 'Prevention Plus' Guaranteed Planned Maintenance

- **On Request Service**

Naturally, we will provide ***ON SITE 'Prevention Plus'*** service on request from you at any time, whether or not you have one of our Performance Assurance guarantees

- **Warranty**

Our ***ON SITE 'Prevention Plus'*** program also encompasses our normal warranty where we provide all service work at no charge

- **Training**

Training can be also covered by our ***ON SITE 'Prevention Plus'*** program. We can also provide a full range of training courses for your own technicians, including safety audits and compliance to standards.

These may be conducted at your premises, or in our Workshop, or at the **On Site Generating Solutions** production facilities in Europe or United States depending on your particular requirements

- **Special Facilities**

If a standard ***ON SITE 'Prevention Plus'*** plan doesn't meet your needs, we will gladly tailor a specific ***ON SITE 'Prevention Plus'*** plan for you.

ON SITE 'Prevention Plus' Guaranteed Planned Maintenance

Terms & Conditions

On Site Generating Solutions Pty Ltd (hereinafter referred to as **OSGS**) will provide for the agreed period, the service detailed below and the **Customer** agrees to pay the total charges listed on the front of this Agreement, no more than seven (7) days from the commencement of this Agreement.

1. **OSGS** undertakes to maintain and repair the equipment listed under this Agreement and will provide:-
 - (i) All spare parts at no charge (unless otherwise specified).
 - (ii) All labour charges will be included in the Agreement price for service provided during normal working hours of 9.00 am to 5.00 pm Monday to Friday. (excluding Public Holidays)
 - (iii) All calls under this Agreement will be treated as urgent and highest priority will be given to them. **OSGS** expects to commence any repairs within 24 hours of a receipt of a request. (Weekends and Public Holidays excluded)
 - (iv) Where practical, all repairs will be carried out at the **Customer's** premises.
2. This Agreement does not provide for the supply by **OSGS**, at no charge, any non-OSGS consumable items required for the normal operation of the equipment.
3. The scheduled equipment is assumed to be in good working order at the date of the Agreement and may be subject to prior inspection by **OSGS**.
4. The **Customer** agrees to take all reasonable care to ensure the equipment is kept in a clean and tidy condition and that all normal day-to-day customer maintenance and adjustment is carried out as detailed in the Directions for Use Manuals.
5. This Agreement does not include service made necessary by malicious acts, misuse, negligence, abuse, vandalism, fire, water or any cause beyond **OSGS** reasonable control, or by service performed by persons other than **OSGS** engineers.
6. **OSGS** will not be liable for the consequential loss or damage caused by faults in the equipment.
7. This Agreement includes only the items listed on the front of this Agreement.
8. When requesting service please quote:
 - (i) The Agreement Number
 - (ii) Details of the fault
 - (iii) Location of the equipment
 - (iv) Contact Person

ON SITE 'Prevention Plus' - Preventative Maintenance Contract

The Warranty Extension Plan

The Labour Plus Plan

The Annual Maintenance Plan

Contract Number

Customer

Authorising Officer

Customer Order Number

Equipment Location

Contact

Telephone

7

Title

Date

Subject to the terms and Conditions of this Agreement, **OSGS** agrees to provide the above **Customer** with the service referred to overleaf for the equipment set out in the schedule for the period:

Start Date

Finish Date

Equipment & Model	Serial Number	Date Installed

ON SITE 'Prevention Plus' price per annum

(inc GST)

Signed on behalf of Customer

_____ **Date** _____

**Signed on behalf of On Site
Generating Solutions Pty Ltd**

_____ **Date** _____

ON SITE 'Prevention Plus' - Warranty Extension Plan

Schedule

Bi-annual preventative maintenance calls scheduled for

July 2004 service

- Check fittings and nitrogen outlet pressure and flow
- Replace compressor inlet filter
- Replace inline air filter element
- Replace high capacity exhaust silencer
- Service compressor

January 2005 service

- Check fittings and nitrogen outlet pressure and flow
- Replace compressor inlet filter
- Replace inline air filter element
- Replace high capacity exhaust silencer

The supply of all parts and labour at no charge for both preventative maintenance and for on-demand service

Priority service

Optimize your LC/MS/MS performance with Peak Scientific Gas Stations

Peak Scientific Instruments offers two options to ensure continuous gas supply in your laboratory. Both options are specifically configured to operate your Applied Biosystems/ MDS SCIEX LC/MS/MS System. These integrated solutions will become an essential element of your analysis.

Self-Contained Solution: NitroGen N300DR

The Peak Scientific N300DR Gas Station offers a high purity supply of nitrogen and zero air with the knowledge that replacements of tanks and liquid dewars are a thing of the past. Operating with a dual redundancy internal air supply, the N300DR continuously supplies a clean, dry, phthalate-free nitrogen as your curtain gas, and zero grade air for your source gas and exhaust gas.

Cost and safety concerns are also greatly reduced, because once the N300DR Gas Station is operational, it requires virtually no attention and will produce gas on demand. Eliminating the need to purchase and move cylinders will put an end to operator error and ever-increasing gas costs. Besides these savings, the N300DR Gas Station will provide long-term stability by eradicating the risk of gas shortages in your lab.

Immediate Performance

The N300DR Gas Station is easy to install and simple to use. It is suitable for all API models up to and including the API 5000™ LC/MS/MS System, as well as the QSTAR® and Q TRAP® Systems.



The N300DR Gas Station supplies all required gases from one single system and no external air connections are required.



The N300DR and NM20Z will supply gas to all Applied Biosystems/ MDS SCIEX LC/MS/MS Instruments, including the API 5000™ LC/MS/MS System (above).

TECHNICAL SPECIFICATIONS - N300DR

Curtain Gas (Nitrogen)	12 L/min @ 60 psi
Source Gas (Zero Air)	26 L/min @ 100 psi
Exhaust Gas (Air)	8 L/min @ 60 psi
Internal Air Compressor	Yes
Pressure Dewpoint	-40° C / -40° F
Particles >0.01 micron	None
Suspended Liquids	None
Mobile	Yes
Outlets 1/4"	3
Pressure Gauges	3
Phthalates	None
Electrical Requirements	230 V 50/60 Hz 8.4 A
Noise	57 dB (A)
Dimensions (W x D x H)	95 x 59 x 71 cm
	37 x 23 x 28 in
Weight	145 kg / 320 lb
Operating Temperature	25° C / 77° F



Tandem Solution: NM20Z and In-house Gas Supply

The NM20Z, delivering high purity nitrogen and zero air, is the ideal solution for smaller laboratories. The NM20Z is small in size and is wall-mountable, producing a clean, dry, phthalate-free nitrogen as your curtain gas, and zero grade air for your source gas and exhaust gas.

The NM20Z is easy to install and requires virtually no attention once operational. Producing gas on demand, this system will eliminate the need to purchase and move cylinders and therefore put an end to operator error and ever-increasing gas costs. In addition to these savings, the NM20Z hardly requires any maintenance and will provide long-term stability by eradicating the risk of gas shortages in your lab. It can either be connected to your in-house supply of dry, compressed air or to Peak Scientific's AirGen A320DR.

With the AirGen A320DR being designed to supply dry, compressed air to the NM20Z, this tandem solution will be the answer to your gas requirements. Operating on a dual redundancy compressor system, the AirGen A320DR ensures continuous service—eliminating interruptions of analysis in your laboratory. The AirGen gives you the flexibility to have your air supply in a different location than your wall-mountable NM20Z.

Immediate Performance

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The NM20Z Gas Station and AirGen A320DR combine to increase the efficiency of your lab.

TECHNICAL SPECIFICATIONS - NM20Z

Curtain Gas (Nitrogen)	12 L/min @ 60 psi
Source Gas (Zero Air)	26 L/min @ 100 psi
Exhaust Gas (Air)	8 L/min @ 60 psi
Air Pressure Required	110–130 psi
Internal Air Compressor	No
Pressure Dewpoint	-40° C / -40° F
Particles >0.01 micron	None
Suspended Liquids	None
Mobile	Yes
Outlets 1/4"	3
Pressure Gauges	3
Phthalates	None
Electrical Requirements	None
Noise	None
Dimensions (W x D x H)	77 x 26 x 21 cm 30 x 10 x 8 in
Weight	13 kg / 29 lb
Operating Temperature	25° C / 77° F

TECHNICAL SPECIFICATIONS - A320DR

Electrical Requirements	230 V 50/60 Hz 8.4 A
Dimensions (W x D x H)	95 x 59 x 71 cm 37 x 23 x 28 in
Weight	145 kg / 320 lb



www.peakscientific.com

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Headquarters

850 Lincoln Centre Drive | Foster City, CA 94404 USA
Phone 650.638.5800 | Toll Free 800.345.5224
www.appliedbiosystems.com

International Sales

For our office locations please call the division headquarters or refer to our Web site at
www.appliedbiosystems.com/about/offices.cfm