# GAS CHROMATOGRAPHY PRODUCT CATALOGUE

Parker domnick hunter

ENGINEERING YOUR SUCCESS.

# Expert gas generation solutions

With a history of expertise in gas generation, Parker are perfectly placed to support reliable and highly profitable operations in analytical science. Working with partners in laboratories across a range of sectors, our industry-leading solutions enable accuracy to be achieved through a constant, on-demand supply of nitrogen, hydrogen and zero air for carrier, make-up and fuel gas.

Offering a wide range of advantages over the traditional cylinder gas supply, gas generators are increasingly becoming the popular choice in many laboratories.

### Consistent, reliable purity

The purity of gas from different cylinders can vary, and impurities can be introduced via the pipeline when cylinders are changed. Parker domnick hunter gas generators, however, will prevent variations in quality and supply consistently high-purity gas to ensure extremely sensitive analysis, every time.

Supported by the latest advanced technologies, you can trust Parker domnick hunter gas generators to deliver the reliability and consistency your work demands.

### Maximum uptime, minimal downtime

Unlike cylinders, which can run out mid-process and require re-calibration, generators can produce gas around the clock, 24/7. They also reduce the inconvenience caused by having to carry out inventories, re-order cylinders, arrange collection and delivery and carry out 'leak checks'.

Parker domnick hunter gas generators require quick and simple maintenance, with longer intervals between scheduled services. This means downtime is minimised, so you can enjoy significantly increased uptime and greater opportunity for the throughput of samples for analysis, which will have a positive effect on the profitability of your lab operations.

### Continuous supply, available on-demand

A permanently installed solution at the point of use in your work environment, a generator will give you easy access to an unlimited supply of gas. This will always be at the correct pressure, flow and temperature, to improve the stability of your instruments and the accuracy of your results.

## A safer choice

High-pressure cylinders are inherently linked to safety issues – from the chance of injury from manual handling to the risk of explosion and gas leaks, which can make the atmosphere potentially explosive or deficient in oxygen.

Gas generators from Parker domnick hunter are a safe alternative, thanks to leak detection technology with 'auto shut off' and integral alarms. They also operate at a fraction of the pressure and have low volumes of stored gas, reducing the potential for harm.

## Cost efficient with the lowest lifetime cost

In some cases, you can expect to have recouped the cost of your gas generator in less than one year. There are no hidden charges – such as on-going delivery costs, cylinder rental and storage fees for spares and empty cylinders, maintenance costs are low and part replacement is minimal. Their super high energy efficiency also makes them a cost effective choice.

## Global support for your peace of mind

We know that business continuity is vital to your work. That's why we offer a comprehensive package of expert service, care and maintenance across our complete analytical gas systems range, worldwide.

From installation, scheduled maintenance and in very rare cases, emergency assistance, wherever you are, you can trust Parker to give you complete peace of mind.

# Carrier gas

The mobile phase of gas chromatography requires a carrier gas. Parker understands that purity of a carrier gas is essential, as contaminants can cause column damage and inaccuracies in detection results.

We provide gas generation for frequently used carrier gases, such as hydrogen and nitrogen, providing you with a dry, high-purity, oxygen-free and chemically inert gas, that is both consistently available and cost-efficient.

## H-MD

Using proven PEM cell technology, Parker domnick hunter H-MD range generators produce a continuous supply of high-purity hydrogen, for use as carrier gas, on-demand from de-ionized water and electricity. This model works at low pressure and with minimal stored volume, offering you added safety.

- Continuous supply of 99.99995% purity hydrogen
- Precision engineered - simple installation and operation
- Compact design - save space in your laboratory
- Minimal maintenance - maximum uptime and low running costs
- Optimum safety and reliability - innovative intelligent control software and alarms
- Easy to manage - control a number of generators from one central PC

Note: Also suitable for use as fuel gas

## UHP-N2

Featuring proven, advanced technology and engineered to the highest standard, Parker UHP-N2 generates a continuous stream of ultra high-purity nitrogen. Ideal for carrier gas applications, it is fully approved for use by major instrumentation manufacturers, giving you complete peace of mind.

- Continuous supply of ultra high-purity nitrogen at 99.9999% purity
- Engineered to ensure maximum reliability and minimal operator attention
- Compact design – requires minimal space in your laboratory
- Advanced noise reduction technology - a quieter working environment
- Economy mode - significantly reduced running costs and increased compressor life
- Single plug & play unit – saves you valuable time
- With or without an integral compressor

Note: Also suitable for use as make-up gas

## Product Selection

| Model | Flow Rate | Purity* | Water Consumption (24/7, full flow) | Delivery Pressure | |
|---|---|---|---|---|---|
| | ml/min | % | L/week | bar g | psi g |
| 20H-MD | 160 | >99,9999 | 1,69 | 0,69-6,89 | 10-100 |
| 40H-MD | 250 | >99,9999 | 2,41 | 0,69-6,89 | 10-100 |
| 60H-MD | 500 | >99,9999 | 4,82 | 0,69-6,89 | 10-100 |
| 110H-MD | 1.100 | >99,9999 | 9,64 | 0,69-6,89 | 10-100 |

*With respect to oxygen

## Technical Data

| | | |
|---|---|---|
| Ambient Temperature Range | 5 - 40 °C<br>41 - 104 °F | |
| Water Supply Pressure* | 0,1 bar g<br>1,45 psi g | |
| Water Supply Flow Rate* | 1 l/min | |
| Water Quality | Deionised. ASTM II, >1MΩ, <1µs, filtered to <100µm | |
| Supply Voltage Range | 100 V - 230 V 50/60 Hz | |
| Port Connections | Hydrogen Outlet | 1/8" Compression Fitting |
| | Water Drain | Quick Release Push in Fitting |
| | Water Fill* | Quick Release Push in Fitting |

*With optional AWF

## Weights and Dimensions

| Model | Height (H) | | Width(W) | | Depth (D) | | Weight (Empty) | | Weight (Full of Water) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | kg | lb | kg | lb |
| 20H-MD | 456 | 17,9 | 342 | 13,5 | 470 | 18,5 | 20,5 | 45,2 | 25 | 55,1 |
| 40H-MD | 456 | 17,9 | 342 | 13,5 | 470 | 18,5 | 20,5 | 45,2 | 25 | 55,1 |
| 60H-MD | 456 | 17,9 | 342 | 13,5 | 470 | 18,5 | 20,5 | 45,2 | 25 | 55,1 |
| 110H-MD | 456 | 17,9 | 342 | 13,5 | 470 | 18,5 | 23,6 | 51,8 | 28 | 61,7 |

## Preventative Maintenance

| Preventative Maintenance Kit | Part Number | Change Frequency |
|---|---|---|
| 6 Month Kit | M06.HMD.0001 | 6 months |
| 24 Month Kit | M24.HMD.0001 | 24 months |
| 60 Month Kit | M60.HMD.0001 | 60 months |

## Optional Extras

| Description | Part Number | Required for |
|---|---|---|
| Remote Networking Module | H2-REMOTE-NET-DH 604971530 | Allows cascading of two generators |
| Remote Monitoring Module | H2-REMOTE-MON-DH-604971532 | Allows the remote monitoring of one generator |
| Installation Kit | IK7532 | Suitable for all hydrogen generators |
| Automatic Water Fill Kit | 604979008 | Suitable for all hydrogen generators |

## Product Selection

| Model | Flow Rate | Purity* | Inlet Air 8 to 9.9 bar (116 to 143 psi) | Outlet Pressure | | Integral Compressor |
|---|---|---|---|---|---|---|
| | L/min | % | L/min | bar g | psi g | |
| UHPN2-750 | 0.75 | >99.9995 | 33 | 5 | 72.5 | NO |
| UHPN2-750C | 0.75 | >99.9995 | n/a | 5 | 72.5 | YES |
| UHPN2-1500 | 1.5 | >99.9995 | 117 | 5 | 72.5 | NO |
| UHPN2-1500C | 1.5 | >99.9995 | n/a | 5 | 72.5 | YES |
| UHPN2-3000 | 3.0 | >99.9995 | 116 | 5 | 72.5 | NO |
| UHPN2-3000C | 3.0 | >99.9995 | n/a | 5 | 72.5 | YES |

*Purity with respect to oxygen
Note: Add suffix 'E' for 207-253V 50/60Hz ie. UHPN2 - 750 - E
Add suffix 'W' for 103 - 126V 60Hz ie. UHPN2 - 750 - W
1500 not available in W

## Technical Data

| | | |
|---|---|---|
| Ambient Temperature Range | 15-25°C | |
| | 59-77°F | |
| Inlet Air Quality* | Clean dry compressed air | |
| | IS08573-1:2010 Class 1.-.1 | |
| Supply Voltage Range | 104 - 127V 60Hz | |
| | 207 - 253V 50/60Hz | |
| Port Connections | Inlet* | 1/4" Compression Fitting |
| | Outlet UHPN2 750 | 1/8" Compression Fitting |
| | Outlet UHPN2 1500 & 3000 | 1/8" Compression Fitting |

*Non compressor models only

## Weights and Dimensions

| Model | Height (H) | | Width(W) | | Depth (D) | | Weight (with compressor) | | Weight (without compressor) |
|---|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | kg | lb | kg |
| UHPN2-750, 750C | 869 | 34.2 | 345 | 13.6 | 417 | 16.4 | 50 | 110 | 44 |
| UHPN2-1500, 1500C, 3000, 3000C | 869 | 34.2 | 345 | 13.6 | 667 | 26.3 | 93 | 205 | 84 |

## Preventative Maintenance

| Preventative Maintenance Kit UHPN2-750, 750C | Part Number | Change Frequency |
|---|---|---|
| Filter Kit - non compressor models | 606272551 | 12 months |
| Filter Kit - compressor models | 606272553 | 12 months |
| Compressor Kit 230V | 606272577 | 8,000 hours or 24 months (whichever comes first) |
| Compressor Kit 120V | 606272579 | 8,000 hours or 24 months (whichever comes first) |

| Preventative Maintenance Kit UHPN2-1500, 1500C, 3000, 3000C | Part Number | Change Frequency |
|---|---|---|
| Filter Kit - non compressor option | 606272551 | 12 months |
| Filter Kit - compressor option | 606272555 | 12 months |
| Compressor Kit 230V | 606272581 | 8,000 hours or 24 months (which ever comes first) |
| Compressor Kit 120V | 606272583 | 8,000 hours or 24 months (which ever comes first) |

## Optional Extras

| Description | Part Number | Required for |
|---|---|---|
| Installation Kit | IK7694 | Suitable for all UHP nitrogen generators |

# Fuel gas

## Used to support combustion within the detector, the hydrogen-air gas creates an ideal flame for analysis.

Parker provides gas generation solutions for flame support – a mix of hydrogen and zero air – to ensure accurate analyses, consistent results and detector sensitivity thanks to a high intensity flame.

## H

Using proven PEM cell technology, Parker domnick hunter H range generators produce a continuous supply of high purity hydrogen, for use as fuel gas, on-demand from de-ionized water and electricity. This model works at low pressure and with minimal stored volume, offering you added safety.

- Continuous supply of 99.9995% purity hydrogen
- Precision engineered - simple installation and operation
- Compact design - save space in your laboratory
- Minimal maintenance - maximum uptime and low running costs
- Optimum safety and reliability - innovative intelligent control software and alarms
- Easy to manage - control a number of generators from one central PC

## UHP-ZA

Parker UHP-ZA produces ultra high-purity zero grade air from an existing compressed air source. Ensuring a lower and more stable baseline signal, it allows for higher sensitivity or larger peak areas so you can enjoy superior limits of detection over and above traditional modes of supply.

- Engineered with state-of-the-art components - enhanced reliability and long term performance
- Minimal operator attention and maintenance required
- Silent operation - improved working environment
- Compact design - save space in your laboratory
- Low operating costs - economical alternative to cylinders
- Innovative, stackable system – facilitates the mounting of a Parker domnick hunter hydrogen generator

## Product Selection

| Model | Flow Rate | Purity* | Water Consumption (24/7, full flow) | Delivery Pressure | |
|---|---|---|---|---|---|
| | ml/min | % | L/week | bar g | psi g |
| 20H | 160 | >99.9995 | 1.25 | 0.3-6.89 | 5-100 |
| 40H | 250 | >99.9995 | 2 | 0.3-6.89 | 5-100 |
| 60H | 500 | >99.9995 | 4 | 0.3-6.89 | 5-100 |

*With respect to oxygen

## Technical Data

| | | |
|---|---|---|
| Ambient Temperature Range | 5-40°C<br>41-104°F | |
| Water Supply Pressure* | 0.1 bar g<br>1.45 psi g | |
| Water Supply Flow Rate* | 1 L/min | |
| Water Quality | Deionised. ASTM II, >1MΩ, <1µs, filtered to <100µm | |
| Supply Voltage Range | 100 - 230V 50/60Hz | |
| Port Connections Hydrogen | **Hydrogen Outlet** | 1/8" Compression Fitting |
| | **Water Drain** | Quick Release Push in Fitting |
| | **Water Fill*** | Quick Release Push in Fitting |

*With optional AWF

## Weights and Dimensions

| Model | Height (H) | | Width(W) | | Depth (D) | | Weight | | Weight (Full of Water) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | kg | lb | kg | lb |
| 20H | 456 | 17.9 | 342 | 13.5 | 437 | 17.2 | 19 | 41.9 | 23 | 50.7 |
| 40H | 456 | 17.9 | 342 | 13.5 | 437 | 17.2 | 19 | 41.9 | 23 | 50.7 |
| 60H | 456 | 17.9 | 342 | 13.5 | 437 | 17.2 | 19 | 41.9 | 23 | 50.7 |

*With respect to oxygen
Note: For auto water fill option add suffix AWF ie 20H-AWF

## Preventative Maintenance

| Preventative Maintenance Kit | Part Number | Change Frequency |
|---|---|---|
| Replacement Desiccant Cartridge | 604970412 | As required* |
| 6 Month Kit | 604970600 | 6 months |
| 24 Month Kit | 604970532 | 24 months |

*20H Continuous operation aprox. 6 to 7 months
*40H Continuous operation aprox. 4 to 5 months
*60H Continuous operation aprox. 2 to 3 months

## Optional Extras

| Description | Part Number | Required for |
|---|---|---|
| Remote Networking Module | H2-REMOTE-NET-DH 604971530 | Allows cascading of two generators |
| Remote Monitoring Module | H2-REMOTE-MON-DH-604971532 | Allows the remote monitoring of one generator |
| Installation Kit | IK7532 | Suitable for all hydrogen generators |
| Automatic Water Fill Kit | 604979007 | Suitable for all hydrogen generators |

## Product Selection

| Model | Flow Rate | Organic Impurity | Air Inlet @ 4 - 10 bar g (58 - 145 psi g) | Delivery Pressure | | Integral Compressor |
|---|---|---|---|---|---|---|
| | L/min | ppm | L/min | bar g | psi g | |
| UHP-10ZA-S | 1 | <0.1 | 1.2 | 4-10 | 58-145 | NO |
| UHP-35ZA-S | 3.5 | <0.1 | 4.2 | 4-10 | 58-145 | NO |
| UHP-50ZA-S | 5.0 | <0.1 | 6.0 | 4-10 | 58-145 | NO |
| UHP-75ZA-S | 7.5 | <0.1 | 9.0 | 4-10 | 58-145 | NO |
| UHP-300ZA-S | 30 | <0.1 | 35 | 4-10 | 58-145 | NO |

Note: Add suffix 'E' for 207-253V 50/60Hz ie. UHP-10ZA-S-E
Add suffix 'W' for 103-126V 60Hz ie. UHP - 10ZA-S-W

## Technical Data

| | | |
|---|---|---|
| Ambient Temperature Range | 5-40°C<br>41-104°F | |
| Inlet Air Quality | Clean dry compressed air<br>ISO8573-1:2010 Class 2.2.1 | |
| Supply Voltage Range | 230V 50/60Hz ± 10%<br>120V 50/60Hz ± 10% | |
| Port Connections | Outlet (UHP - 10ZA-S & UHP-35ZA-S) | 1/8" Compression Fitting |
| | Inlet (UHP - 10ZA-S & UHP-35ZA-S) | 1/8" Compression Fitting |
| | Outlet (UHP - 50ZA-S - UHP-300ZA-S) | 1/4" Compression Fitting |
| | Inlet (UHP - 50ZA-S - UHP-300ZA-S) | 1/4" Compression Fitting |

## Weights and Dimentions

| Model | Height (H) | | Width(W) | | Depth (D) | | Weight | |
|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | kg | lb |
| UHP-10ZA-S | 325 | 12.8 | 340 | 13.4 | 425 | 16.7 | 10.2 | 22.5 |
| UHP-35ZA-S | 455 | 17.9 | 340 | 13.4 | 425 | 16.7 | 14.2 | 31.3 |
| UHP-50ZA-S | 455 | 17.9 | 340 | 13.4 | 425 | 16.7 | 14.2 | 31.3 |
| UHP-75ZA-S | 455 | 17.9 | 340 | 13.4 | 425 | 16.7 | 14.2 | 31.3 |
| UHP-300ZA-S | 455 | 17.9 | 340 | 13.4 | 425 | 16.7 | 15.2 | 33.5 |

## Preventative Maintenance

| Preventative Maintenance Kit G6 | Part Number | Change Frequency |
|---|---|---|
| Inlet Filter PM Kit - all models | 005A0 | 12 months |
| Outlet Filter PM kit - all models | 005AA | 12 months |

## Optional Extras

| Description | Part Number | Required for |
|---|---|---|
| Installation Kit | IK76803 | Suitable for all zero air generators |

# Make-up gas

Used to enhance the movement of carbon ions through the detector to improve the signal, make-up gases can also improve the sensitivity of detection in gas chromatography.

At Parker, we know that a constant flow of an inert make-up gas is crucial to maintaining the best analytical conditions. Nitrogen makes an ideal make-up gas, thanks to its cost effectiveness at large volumes, and our generators can supply you with an unlimited source of high-purity nitrogen, on-demand.

## UHP-ZN2

An industry leading dual gas generator, the UHP-ZN2 delivers nitrogen and zero air for make-up gas applications. Producing ultra high-purity nitrogen from standard compressed air, with <0.1 ppm hydrocarbon content, it will enable you to achieve the most accurate results.

- Continuous supply of ultra high-purity, organic free nitrogen
- Engineered to ensure maximum reliability and minimal operator attention
- Compact design – requires minimal space in your laboratory
- Noise reduction technology - a quieter working environment
- Integral heated catalyst – ensures carrier grade nitrogen
- Economy mode - significantly reduced running costs and increased compressor life
- Single plug & play unit – saves you valuable time
- With or without an integral compressor

Note: Also suitable for use as carrier gas

## G6010 & G7010

The Parker domnick hunter nitrogen and dry air generators employ robust, field proven technology to produce ultra high-purity nitrogen and dry air suitable for make-up gas applications. This model combines innovative technology, compact design and functionality to provide a continuous stream of nitrogen which guarantees to improve analysis and reproducibility.

- Continuous supply of nitrogen at 99.999% purity and dry air
- Proven analytical performance – peace of mind
- Compact design – save space in your laboratory
- Minimal operator attention and maintenance – maximised up-time and reduced running costs
- Noise reduction technology – quieter working environment
- Lowest lifetime cost – payback typically less than 24 months
- Integral oil free air compressor
- Single plug & play unit – saves you valuable time

## Product Selection

| Model | Flow Rate | Purity* | | Inlet Air @ 9 to 9.9 bar (131 to 143 psi) | Delivery Pressure | | Integral Compressor |
|---|---|---|---|---|---|---|---|
| | L/min | ppm organic impurity | % | L/min | bar g | psi g | |
| UHPZN2-1000 | 1 | <0.1 Total Hydrocarbons | >99.9995% | 42 | 5 | 72.5 | NO |
| UHPZN2-1000C | 1 | <0.1 Total Hydrocarbons | >99.9995% | n/a | 5 | 72.5 | YES |
| UHPZN2-3000 | 3 | <0.1 Total Hydrocarbons | >99.9995% | 52 | 5 | 72.5 | NO |
| UHPZN2-3000C | 3 | <0.1 Total Hydrocarbons | >99.9995% | n/a | 5 | 72.5 | YES |

*Purity with respect to oxygen
Note: Add suffix 'E' for 207-253V 50/60Hz ie. UHPZN2 - 1000 - E
Add suffix 'W' for 103 - 126V 60Hz ie. UHPZN2 - 1000 - W

## Technical Data

| | | |
|---|---|---|
| Ambient Temperature Range | 15-25°C<br>59-77°F | |
| Inlet Air Quality* | Clean dry compressed air<br>IS08573-1:2010 Class 1.-.1 | |
| Supply Voltage Range | 104 - 127V 60Hz<br>207 - 253V 50/60Hz | |
| Port Connections | Inlet* | 1/4" Compression Fitting |
| | Outlet | 1/8" Compression Fitting |

*Non compressor models only

## Weights and Dimensions

| Model | Height (H) | | Width(W) | | Depth (D) | | Weight (with compressor) | | Weight (without compressor) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | kg | lb | kg | lb |
| UHPZN2 range | 869 | 34.2 | 345 | 13.6 | 667 | 26.3 | 96 | 211.6 | 86 | 189.5 |

## Preventative Maintenance

| Preventative Maintenance Kit | Part Number | Change Frequency |
|---|---|---|
| Filter Kit - non compressor option | 606272561 | 12 months |
| Filter Kit - compressor option | 606272563 | 12 months |
| Compressor Kit 230V | 606272581 | 4,000 hours or 12 months (whichever comes first) |
| Compressor Kit 115V | 606272583 | 4,000 hours or 12 months (whichever comes first) |
| Valve Kit - non compressor option | 606272575 | 36 months |
| Valve Kit - compressor option | 606272589 | 36 months |
| Catalyst Kit 230V - 3.0 L/min model | 606272583 | 36 months |
| Catalyst Kit 115V - 3.0 L/min model | 606272591 | 36 months |
| Fan Kit - non compressor option | 606272595 | 36 months |
| Fan Kit - compressor option | 606272605 | 36 months |

## Optional Extras

| Description | Part Number | Required for |
|---|---|---|
| Installation Kit | IK7694 | Suitable for all zero nitrogen generators |

## Product Selection

| Model | Flow Rate | | Purity* | | Delivery Pressure | | Integral Compressor |
|---|---|---|---|---|---|---|---|
| | Nitrogen | Dry Air | Nitrogen | Dry Air | | | |
| | L/min | L/min | % | °C (dew point) | bar g | psi g | |
| G6-0-1-0-E | 0,6 | 1,5 | >99.999 | -40 | 5 | 72,5 | YES |
| G7-0-1-0-E | 3 | 3 | >99.999 | -40 | 5 | 72,5 | YES |

*Purity with respect to oxygen
Note: Not available in 110V 60HZ

## Technical Data

| | | |
|---|---|---|
| Ambient Temperature Range | 5-40°C<br>41-104°F | |
| Supply Voltage Range | 103 -126V 60Hz<br>207 - 253V 50/60z | |
| Port Connections | Outlet (G6010) | 1/8" Compression Fitting |

## Weights and Dimensions

| Model | Height (H) | | Width (W) | | Depth (D) | | Weight | |
|---|---|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in | kg | lb |
| G6010 | 842 | 33,1 | 345 | 13,6 | 413 | 16,3 | 58 | 127,9 |

## Preventative Maintenance

| Preventative Maintenance Kit G6 | Part Number | Change Frequency |
|---|---|---|
| Filter Kit - G6 option 1 (compressor) | 606272351 | 12 months |
| Compressor Kit 230V - G6 option 1 | 606272336 | 12 months |
| Compressor Kit 120V - G6 option 1 | 606272337 | 12 months |
| Solenoid Valve PM Kit 230V option 0 | 606272340 | 24,000 hours or 36 months (whichever comes first) |
| Solenoid Valve PM Kit 120V option 0 | 606272345 | 24,000 hours or 36 months (whichever comes first) |
| Solenoid Valve PM Kit 230V option 1 | 606202385 | 24,000 hours or 36 months (whichever comes first) |
| Solenoid Valve PM Kit 120V option 1 | 606202388 | 24,000 hours or 36 months (whichever comes first) |

## Optional Extras

| Description | Part Number | Required for |
|---|---|---|
| Installation Kit | IK7694 | Suitable for all HP nitrogen generators |

# Global support

The leading provider of gas systems for the analytical instrument market, Parker domnick hunter provide gas generators that specifically meet the stringent requirements for all the leading analytical instrument manufacturers.

Working with partners in laboratories across the world, in a variety of sectors, our gas solutions fulfil a complex need, yet are engineered for ease of use. They enable accuracy to be achieved through a reliable, on-demand supply of high-purity hydrogen, nitrogen and zero air.

### Reliable, dependable and durable

With the largest installed base of gas generators worldwide – in excess of 50,000 – our technology has earned an enviable global reputation for quality and reliability.

Using our range of patented technologies, Parker domnick hunter generators offer a range of unique performance benefits. These include near silent operation, few moving parts and minimal operator attention – with safety and cost efficiency as standard.

For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

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