



## Hydrocycler<sup>2</sup> delivers high throughput thermal cycling for PCR

**16 January, 2017, London, UK** [LGC](#), the international life sciences and measurement company, announces the launch of [Hydrocycler<sup>2</sup>](#), the next generation water bath thermal cycler.

The Hydrocycler<sup>2</sup> combines throughput, efficiency and robust design to offer an effective alternative to traditional Peltier-based thermal cyclers. The multi-bath system allows labs to process more than 145,000 samples in an eight-hour day.

This next model in the Hydrocycler<sup>2</sup> product solution features a smaller footprint, reduced setup costs and easier service. The Hydrocycler<sup>2</sup> easily integrates into laboratories with existing SNPLine automation or other Hydrocycler instruments.

Mark Dearden, VP Strategy and Marketing, Genomics, LGC said, “The Hydrocycler<sup>2</sup> is another innovative solution for our customers. The Hydrocycler<sup>2</sup> addresses the common issues of increasing throughput and achieving high data quality. It supports all common end-point chemistries and provides 40% faster cycling times than standard Peltier-based thermal cyclers since there is no need to ramp temperatures up or down during the PCR cycle.

“As part of the [SNPLine](#) system of [modular laboratory instrumentation](#), the Hydrocycler<sup>2</sup> is a key component in LGC’s unrivalled solution for laboratories generating flexible high-quality genotyping data, helping us towards our vision of using our science for a safer world.”

The Hydrocycler<sup>2</sup> holds temperatures more accurately for longer as its plates and arrays automatically move from one temperature bath to another. This allows for precision control and also helps to eliminate edge effect. In addition, the Hydrocycler is far more energy efficient relative to Peltier-based thermal cyclers, and generates very little heat, eliminating the need for a special air-conditioned environment.

*For more information on the Hydrocycler<sup>2</sup>, SNPLines or LGC’s other innovative genomics solutions, please [contact us here](#) or visit us at booth 119 at PAG.*

[www.lgcgroup.com/genomics](http://www.lgcgroup.com/genomics)

### About LGC

LGC is an international life sciences measurement and testing company with leading positions in growing markets. LGC provides a range of measurement products and services which underpin the safety, health and security of the public, including reference materials and proficiency testing, genomics reagents and instrumentation, and expert sample analysis and interpretation. LGC serves customers across a number of end markets including Pharmaceuticals, Agricultural Biotechnology, Diagnostics, Food, Environment, Government and Academia.

LGC’s headquarters are in London and the company employs over 2,000 people, operating out of 22 countries worldwide. Its operations are extensively accredited to international quality standards such as ISO/IEC 17025, ISO 13485, GMP, GLP and ISO Guide 34.

With a history dating back to 1842, LGC has been home to the UK Government Chemist for more than 100 years and is the designated UK National Measurement Institute for chemical and bio measurement. LGC was privatised in 1996, and is now owned by funds affiliated with KKR.

For more information, please visit [www.lgcgroup.com](http://www.lgcgroup.com)

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