



Blue-Ray Biotech Introduces TurboCycler Lite, an Economical Gradient Thermal Cycler with Versatile Capabilities

Taipei, Taiwan – January 18, 2018 Blue-Ray Biotech Corporation, a professional biotech instrument manufacturer, announces a new addition to its gradient PCR thermal cycler family, the TurboCycler Lite. This product offers versatile capabilities at an affordable price, making it an ideal choice for researchers' routine PCR tasks. The TurboCycler Lite comes with impressive features, including intuitive operation interface, thermal gradient, advanced Slow-Ramp temperature control and adjustable lid temperature.

The TurboCycler Lite is equipped with a capacitive touch keypad and an intuitive graphic user interface which makes operation highly intuitive. The thermal gradient technology enables users to optimize the experimental conditions quickly in a single PCR run. Users are also benefited from its fully adjustable lid temperature, which can be set between 35 and 120 °C for virtually any type of experiments including NGS pre-treatment. Furthermore, when operating with the advanced Slow-Ramp temperature control, the TurboCycler Lite can control the ramp rate precisely down to 0.1 °C/sec to meet the need for the CRISPR/Cas related assays.

Features and Benefits of TurboCycler Lite include:

- **Intuitive Operation Experience** - A sensitive capacitive touch keypad and an intuitive graphical interface
- **Gradient Optimization** - The thermal gradient function allows fast PCR optimization for new experiments
- **Advanced Slow-Ramp Temperature Control** - The ramp rate can be precisely

controlled down to 0.1 °C/sec to meet the need for the CRISPR/Cas related assays

- **Fully Adjustable Lid Temperature** - The temperature can be set between 35 and 120 °C for virtually any type of experiment including NGS pre-treatment
- **Easy Disinfection** - The dust and aerosol proof keypad can be easily disinfected
- **Auto Restart** - Power failure recovery keeps the experiment safe

With more than 10 years of experience in thermal cyclers, Blue-Ray Biotech develops different products to fulfill users' needs. The new TurboCycler Lite is designed to optimize researchers' routine PCR tasks. Backed up by strong in-house R&D, manufacturing, and quality assurance capabilities, Blue-Ray Biotech is dedicated to providing biotechnology researchers with high-quality, user-friendly and innovative instruments. Blue-Ray Biotech's extensive experience in the biotech instrument industry has won wide customer recognition. In addition to PCR thermal cyclers, Blue-Ray Biotech's product lines also include pipette controller and micro-centrifuge. Worldwide distributors are invited to contact Blue-Ray Biotech for future business cooperation.

For further information please visit

<https://www.blue-raybio.com/products/TurboCycler-Lite>

Product Photo

Blue-Ray Biotech - TurboCycler Lite PCR Thermal Cycler

The TurboCycler Lite gradient PCR thermal cycler provides versatile capabilities at an affordable price



About the Blue-Ray Biotech Corporation

“Better Equipment, Better Research”

Blue-Ray Biotech aims to provide global biotechnology researchers with innovative and reliable products to further accelerate the development of biotechnology. We devote ourselves to developing, manufacturing, and marketing cutting-edge equipment that can be widely adopted.

By a perfect combination of our core competencies which are electronics and biological technology, we have successfully introduced superior-performance and high-quality products for liquid handling and DNA amplification. Our product lines include PCR thermal cycler, pipette controller and micro-centrifuge.

Our company is ISO-9001&ISO-13485 certified. Our facility can handle small quantities and diverse production methods are available to meet different customization needs.