

## **CLARIOstar Plus: A new generation of microplate readers**

Ortenberg, 2nd February 2019. BMG LABTECH introduced the new [CLARIOstar<sup>®</sup> Plus](#), further extending its range of high-quality microplate readers. The next generation microplate reader comes with new user friendly features and was officially introduced to public at the SLAS conference and exhibition in Washington, D.C., in February 2019.

### **Now featuring Enhanced Dynamic Range (EDR), autofocus and dedicated detectors**



The newly developed [Enhanced Dynamic Range](#) (EDR) technology offers the largest possible detection dynamic range (8 decades), significantly simplifying measurement set-up. EDR provides researchers with an unprecedented convenience in microplate detection as highly reliable results can be measured over a large dynamic range with no manual intervention. Additionally, thanks to a rapid, full-plate autofocus every sample on the plate is automatically detected with the ideal settings without any action prior to the start of measurement.

Enhanced Dynamic Range technology combined with a fast full plate autofocus makes the most demanding assays significantly easier to handle and more cost-efficient, as it automatically provides the best measurement settings and eliminates the need for multiple readings.

Also new to the CLARIOstar *Plus* is the option to equip the reader with up to three dedicated detectors. Users who need the very best performance in far-red fluorescent detection can benefit from a red-sensitive PMT. The use of a dedicated detector for luminescence and AlphaScreen<sup>®</sup> provides the option to measure each detection mode with the most sensitive PMT. Additionally, a UV/vis spectrometer provides ultra-fast full absorbance spectra.

As its predecessor, the CLARIOstar *Plus* is equipped with BMG LABTECH's patented LVF Monochromator™ technology which ensures the best sensitivity and highest flexibility in each assay. "We are proud to introduce the new CLARIOstar *Plus* - the most sensitive monochromator-based microplate reader on the market. As it combines flexibility with sensitivity, it is the ideal reader for assay development. It was designed to efficiently and effortlessly detect any microplate-based assay in the lab, from academic life-science research to biotechs, CROs and even pharmaceutical companies. The improvements made are a step forward to higher usability for our customers", said Tobias Pusterla International Marketing Manager at BMG LABTECH.

The CLARIOstar *Plus* is now available to order at subsidiaries and distributors of BMG LABTECH.