

Ultra High Performance Liquid Chromatograph

Nexera series Key Features at a Glance

Integration of Analytical Intelligence and High-Performance Hardware



Analytical Intelligence ANALYTICAL INTELLIGENCE • Automated support functions utilizing digital technology, such as M2M, IoT, and Artificial Intelligence (AI), that enable higher productivity and maximum reliability. • Allows a system to monitor and diagnose itself, handle any issues during data acquisition without user input, and automatically behave as if it were operated by an expert. • Supports the acquisition of high quality, reproducible data regardless of an operator's skill level for both routine and demanding applications. **Customer Comments** should improve work efficiency in situations where multiple cople share the same system (pharmaceuticals). 6 Shut down **Checking results** Analysis complet Customer Comments Room Temperature 25 °C The Advanced TC-Optics function can be expected 20 °C to provide a stable baseline for users frustrated with mAU 2.5 SPD-M40 Analysis baseline drift caused by the following. 0 -2 4 Area %RSD (n=20) 0.62% -5.0 -7.5 Ω -10.0Another Vendor's PDA Detector -12.5 150 200 250 300 min 000 Effect of Ambient Temperature Changes on Peak Integration Area %RSD (n=20) 1.87% The only available installation sites • The advanced TC-Optics (patent pending) triple Auto-diagnostics temperature-control function and proprietary Auto-recovery heat-removal design help eliminate effects from room temperature changes and provide reliable 220 quantitation results that do not depend on environmental conditions. Analysis begins Achieves accurate peak integration during

For further information, please see Technical Report C190-E241.

Maximizes Total Analysis Throughput Ultra-Fast Injection at 6.7-Second Intervals and Large-Volume Sample Holding Capacity



Customer Comments

220

high-sensitivity analysis.



Our autosampler is fast. In combination with a plate changer, the Nexera series would be useful for ultra-fast analysis or high-speed screening (pharmaceuticals and CRO).

For further information, please see Technical Report C190-E228.





For further information, please see Technical Report C190-E226.

Supports More Effective Laboratory Space Utilization and Asset Management Both Space-Saving and Multi-Functional



Additional features:

- 2.5 AU PDA linearity
- UV cutoff filter improves ability to quantify compounds that photodegrade
- Ultra-low carryover
- Zero condensation with autosampler's cooler function
- Autosampler offers automatic pretreatment



For more details, please visit: Nexeraseries.com



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