

ACCENT 400

THE NEWEST MEMBER OF ACCENT'S
CHEMISTRY ANALYZERS FAMILY



Discover more

ACCENT 400

Built on Trust.

Powered by Innovation.

In 2005, Cormay introduced the first **ACCENT** clinical chemistry analyzer, which established the foundation for ACCENT family of analyzers, well recognized by our partners around the world. A significant milestone was reached in 2019 with the launch of the **the next generation of devices**: ACCENT S120, MC240, and M320, designed to meet stringent diagnostic requirements.

Today, in response to the evolving market needs, Cormay is proud to present the **ACCENT 400** - a stand-alone analyzer which offers precise, reliable, and efficient diagnostics for a wide range laboratories.

Discover



Reliable and Accurate Diagnostics ¹

- Closed & validated complete system (analyzers + reagents + calibrators + controls).
- Patented optical system - concave gratings light-splitting technology with 12 wavelengths.
- High-precision aspiration system - minimum sample volume is as low as 1.5 μ L.
- Efficient washing system:
 - interior and exterior probe washing reduce the carryover of sample probe $\leq 0.05\%$
 - 8-phase auto washing system, with pre-warmed de-ionized water and detergent



Safety Features for Uninterrupted Operation ²

- Probe with horizontal and vertical collision protection and empty aspiration alarm.
- Clog detector to avoid probe clogging.
- Serum index for analyzing interferents in samples (hemolysis, icterus and lipemia).
- Substrate Depletion & Enzyme Linear Extension option to protect against false negative result for high-concentration sample (for kinetic and fixed-time analysis).

the power of efficiency with ACCENT 400



Trusted Consistency: Familiar Reagents and Software, Seamless Integration³

- The ACCENT-200 reagent package is compatible across all ACCENT analyzers family. Simplify your operations with a unified reagent solution that streamlines inventory management and reduces stock variations.
- The same advanced, user-friendly software platform as other ACCENT analyzers, offering practical features such as a step-by-step maintenance guide to simplify work.



Cost savings⁴

- Reduced reagent consumption - only 90 µL minimum reaction volume.
- Reduced calibration and reagent cost thanks to long reagents on board stabilities and calibration stabilities (up to 3 months).
- Longer ISE electrodes life-time (up to 9 months).

ACCENT's Chemistry Analyzers Family

PARAMETER	SPECIFICATION ⁵			
Model	ACCENT S120	ACCENT MC240	ACCENT M320	ACCENT 400
Throughput	up to 200 T/H + ISE: up to 400 T/H *	C240 T/H + ISE: up to 400 T/H *	up to 360 T/H + ISE: up to 540 T/H *	C420 T/H + ISE: up to 626 T/H *
Reagent Pos.	40	50	50	92
Sample Pos.	40 (up to 80 thanks to adaptors)	50 (up to 100 thanks to adaptors)	50 (up to 100 thanks to adaptors)	102
Min. sample volume	2 µL - 45 µL	2 µL - 35 µL	2 µL - 35 µL	1.5 - 45 µL
Reaction Volume	100 µL - 360 µL	100 µL - 360 µL	100 µL - 360 µL	90 - 300 µL
Cuvettes	40 (disposable)	80 (resuable)	80 (resuable)	93 (resuable)
Type of Optics	Filter wheel, 8 wavelengths (from 340nm to 670nm)	Concave gratings light-splitting, 12 wavelengths (from 340nm to 800nm)	Concave gratings light-splitting, 12 wavelengths (from 340nm to 800nm)	Concave gratings light-splitting, 12 wavelengths (from 340nm to 800nm)
Reagent Cooling	2-12 °C	2-12 °C	2-12 °C	2-8 °C
Safety Detectors	Vertical collision protection; liquid level detection	Vertical & horizontal collision protection; liquid level detection; clog detection	Vertical & horizontal collision protection; liquid level detection; clog detection	Vertical & horizontal collision protection; liquid level detection; clog detection; empty aspiration alarm
Operating Temperature ⁶	15 °C - 30 °C	15 °C - 30 °C	15 °C - 30 °C	15 °C - 30 °C
Storage Temperature ⁶	0 °C - 40 °C	0 °C - 40 °C	0 °C - 40 °C	0 °C - 40 °C

* Based on calculations. Data in the files.

References:

^{1,2,3,4} Data in the files.

⁵ Data in the IFU.

⁶ Storage and transport conditions must not impair the performance of the analyzer, and it is recommended to maintain the specified conditions for the operation of the device. For transport, the analyzer must be protected against damage and special transport containers must be used.

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