



BIOMÉRIEUX

CHEMUNEX[®] D-COUNT[®]

ULTRA RAPID MICROBIAL TESTING SOLUTIONS

Alerts
Data Management

Batch Control-G01-
Session FAT-FC11420

#	Sample ID
1	Sample 1
2	Sample 2
3	Sample 3
4	Sample 4
5	Sample 5
6	Sample 6
7	Sample 7
8	Sample 8
9	Sample 9
10	Sample 10

Customer Service - Adminis

40.0

CHEMUNEX
Cleaning 5
100-401517-01
E11 C-5000509
bioMérieux SA

PIONEERING DIAGNOSTICS

CHEMUNEX® ULTRA RAPID MICROBIAL ANALYZERS



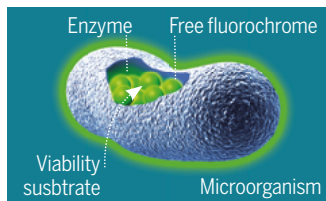
THE 3RD D-COUNT® GENERATION IS EVEN:

- **faster**, up to 20% time saved per batch compared to the previous generation
- **better** adapted to your needs, easily upgrade from D-Count® 25 to D-Count® 50
- **more compact**, integrated control unit (25% shorter)
- **safer**, automatic control of reagents volumes with visual alarm
- **easier to use**, touch screen, intuitive software in 6 languages
- **more powerful**, full traceability, trends analysis, designed for LIMS connection and online customer support & proactive maintenance

- Quantitative results within minutes
- Ready-to-use reagents
- Capacity 25 or 50 tests per batch

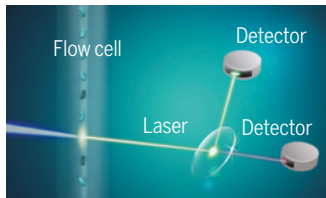
- Up to 50 samples per hour
- Rapid enumeration and presence/absence results
- Direct correlation with plate count

BASED ON A PROVEN TECHNOLOGY



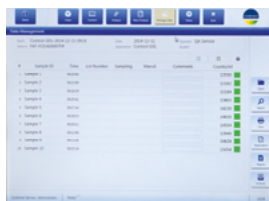
Automated Cell Labeling

Samples are treated with reagents that only label viable microorganisms. These labels are based on a non-fluorescent substrate which is enzymatically cleaved within the cell to liberate fluorochrome, which then accumulates. No cell growth or multiplication is required for direct count applications. The sample labeling is fully automated.



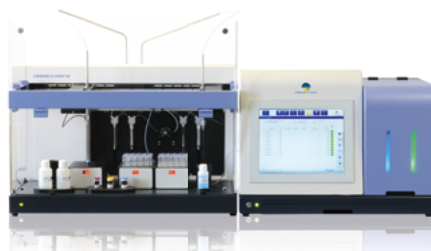
Laser Excitation

The labeled sample is automatically injected into the flow of the analyzer, forming a narrow analysis stream that ensures microorganisms to pass the laser excitation beam one by one. The fluorescent signals from each cell are collected by sensitive detectors and analyzed by digital data processing.



Digital Data Processing

Proprietary digital signal processing software ensures that only viable microorganisms are counted by the system. Results are displayed as direct counts and stored for full traceability. No interpretation is needed, results can be directly compared to a plate count for validation. Results can be printed in a range of formats including routine laboratory log sheets, Lims-connection (Excel export files...)



CHEMUNEX® D-COUNT 50



CHEMUNEX® D-COUNT 25