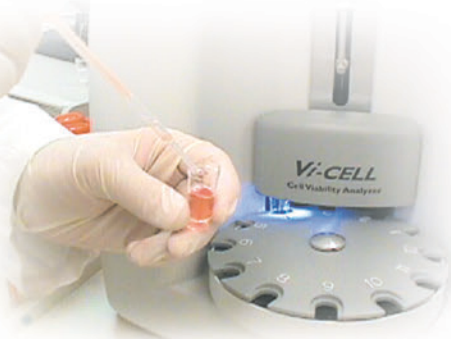


Easy ... Fast ... Reliable

Vi-CELL XR Cell Viability Analyzer

It's as Easy as 1 - 2 - 3



- 1 Load your sample
- 2 Login your sample
- 3 Run and view your results

Characterized
by ingenuity

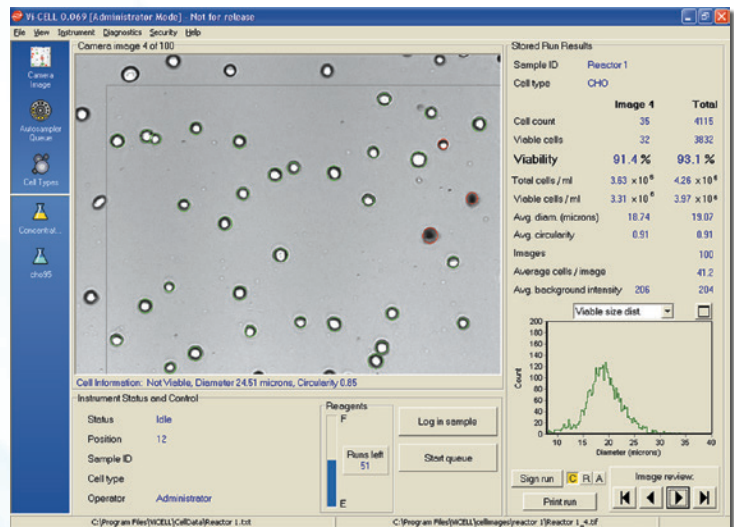
 **BECKMAN
COULTER**
Life Sciences

Vi-CELL XR

Software with power, flexibility and simplicity.

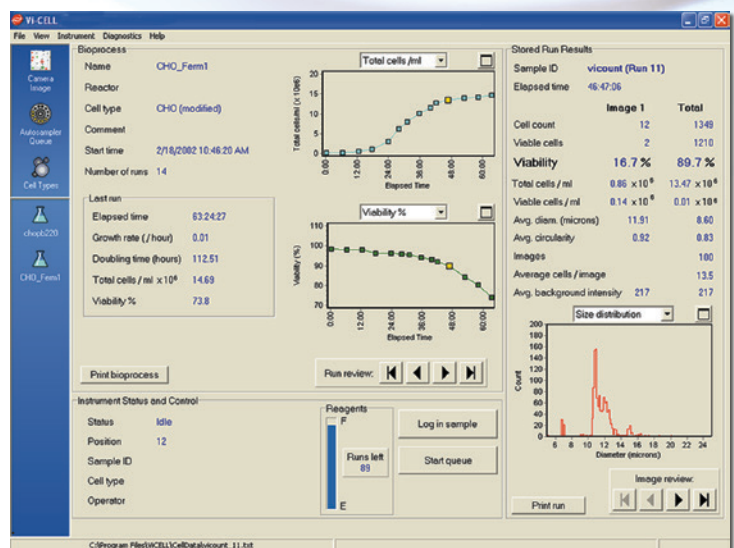
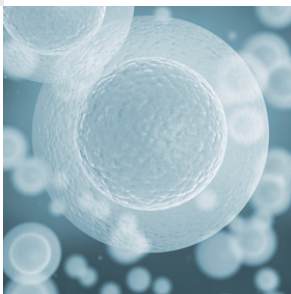
R&D, QC and Manufacturing Applications

- Vi-CELL
- Viability%, Size distribution, Total cells/mL
- Bioprocess tracking, Auto-sampler queue
- Standard Aperture
가



Bioprocess Tracking

- Vi-CELL Bioprocess tracking
Cell Culture
- Total Cell Count Viability% Data point



Cell Culture

Regulatory Compliance

Establishing a strong partnership.

21CFR Part 11

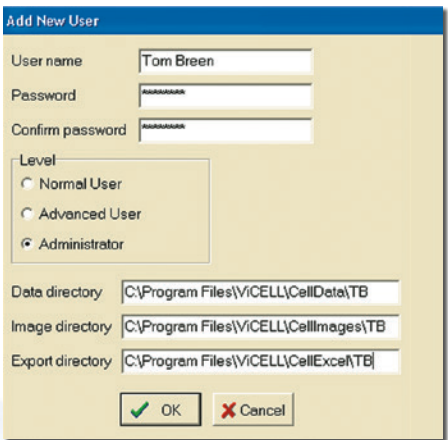
The Electronic Records and Electronic Signatures Rule (21 CFR Part 11)
Food and Drug Administration (FDA)

. Vi-CELL

, 21 CFR 11 Part

. Vi-CELL

- Audit trail
- Electronic signature capability
- Secure user sign-on
- User level permissions
- Administrative configuration tools



Vi-CELL 21 CFR Part 11

V-Check Program

Beckman Coulter cGMPs(Good Manufacturing Practives)
, Beckman Coulter

. V-Check

, SQ, DQ, IQ, OQ

V-Check



EXPLORE THE MANY FEATURES OF THE VI-CELL XR CELL VIABILITY ANALYZER

| FEATURE | VI-CELL XR | BENEFITS |
|---|-----------------------------------|---------------------------------------|
| Auto Sampler | Yes | 12 Auto Sampling 가 |
| Size Range (um) | 2-70 | Small Cell Yeast |
| Sample Volume (μL) | 500 | 2 가 |
| Analysis Time (min) | 2.5 | 가 |
| Imaging Technology <ul style="list-style-type: none"> • Camera Focus • Image Collection • Camera | Auto Firewire 1394x1040 CCD | - 2 가 |
| Image Zoom | Yes | . |
| Aspiration and Trypan Blue Mixing | Variable | Sticky Cell Mixing , Cell |
| Out of Range Concentration Flag | Yes | Automatically keeps operator informed |
| Filled Dispense Tray Flag | Yes | Automatically keeps operator informed |
| Bioprocess 3D, Rotateable Plotting | Yes | . |
| Export Multi-run Files to MS Excel | Yes | Excel Data . |
| Upgraded Audit Trail Supports 21 CFR Part 11 | Yes | System Validation 21 CFR Part11 . |
| Non-viable Cell Declustering User-defineable Declustering Options | Yes | . |
| Added Preferences for Secured Users | Yes | System Validation . |
| Enhanced Circularity Measurement | Yes | Cell . |

TECHNICAL SPECIFICATIONS

| Instrument Function: Concentration Range | Operating System | Instrument Type | Power Requirements | Temperature | Weight | Unit Dimensions (H x W x D) |
|---|---------------------|--|---|---------------------------|--------------------|--|
| 5 x 10 ⁴ to 1 x 10 ⁷ cells/mL Counting Accuracy: ± 6%* | Windows 7 | Video imaging through a quartz flow cell | Power: 50 watts (65 watts max) Voltages: 100V, 120V, 220V, or 240V 50/60 Hz | 10° - 40°C 50° - 104°F | 11.3 kg 25.0 lb | 44.5 x 38 x 41 (cm) 17.5 x 15 x 16 (in) |

* Against the COULTER COUNTER reference method.

ORDERING INFORMATION

| Part Number | Description |
|-------------|-------------------------------|
| 731050 | Vi-CELL XR |
| 383722 | Vi-CELL XR Quad Pak |
| 175478 | Vi-CELL Concentration Control |
| 175474 | Vi-CELL Focus Control |

For more information, visit our
website:

www.particle.com



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