

**Simultaneous Coulter Principle + Fluorescence...**

# Moxi GO II™

## Gold Standard Cell QC Analyzer



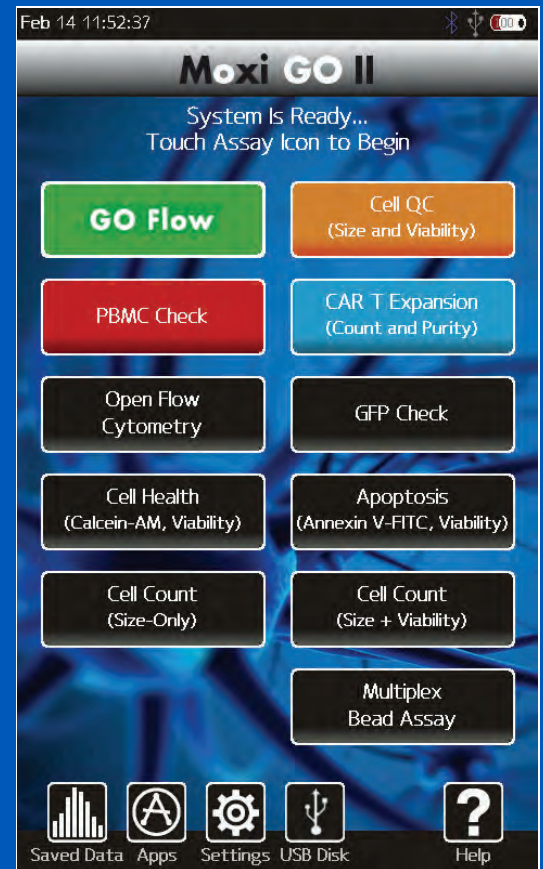
Unleash the Power of **OS 2.10**

Re-Invented. Simplified. Cell QC.

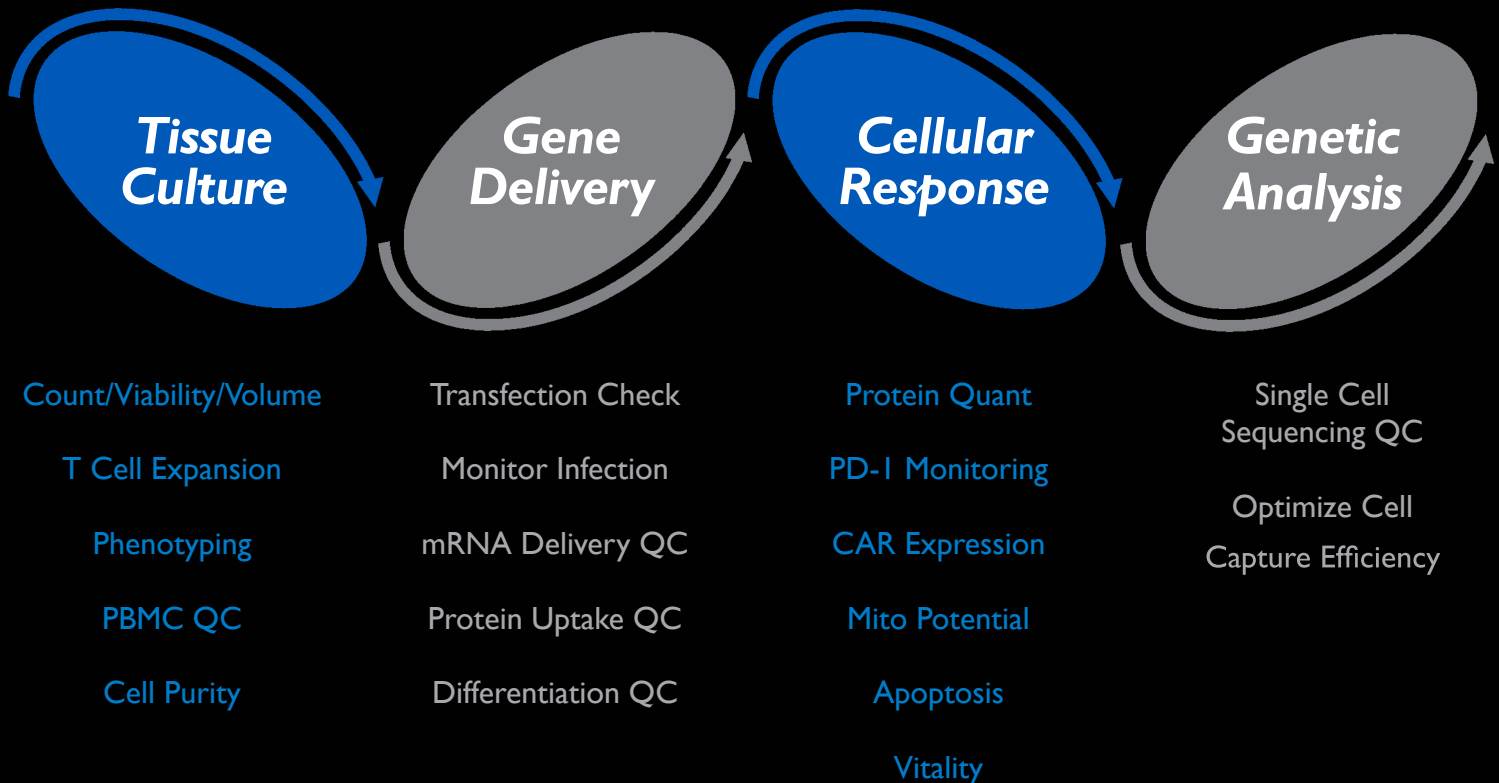
Introducing: **OS 2.10**

The all new OS 2.10 enables a host of new features for the Moxi GO II... Intelligent Auto-Gating, Batch Mode, and vastly expanded data storage, to name a few. In addition, we've added powerful new apps: Cell QC, PBMC, and CAR-T.

In short, we took the complexity out of Cell QC so you can focus on the complexities of science. Whether its rapid screening of cell count/viability, cell health, cellular response to drug targets, CAR-T expansion monitoring, or bio-reactor titer optimization, the Moxi GO II is ideally suited to quickly and accurately perform the task.



Moxi GO II takes the pain out of **Single Cell QC** by integrating an intuitive software interface, touch and go apps, and a simple yet powerful analysis package. Accurate, rapid testing using **Batch Mode** and **Auto-Gating** will enable the Moxi GO II to be used for a wide range of **applicatons**.



**Affordable • Maintenance Free • Single Button Operation**

# Just TOUCH and GO...

1



15 sec

**Insert Cassette  
Load Sample**

2



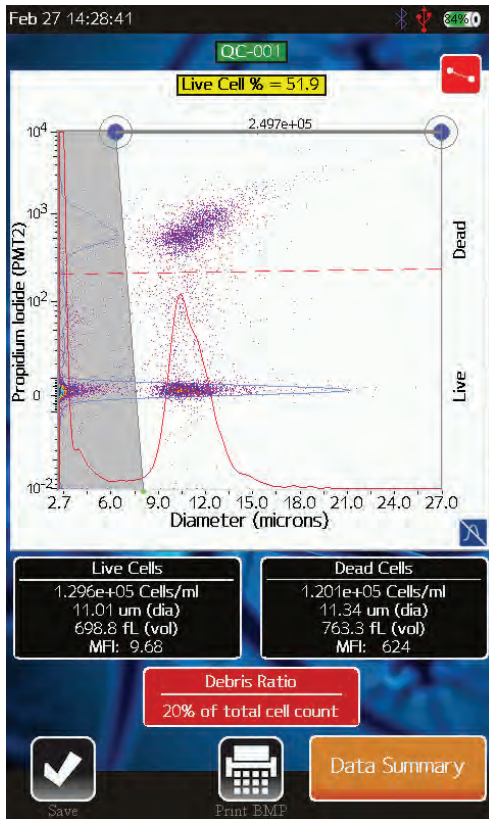
10 sec

**Close Door**

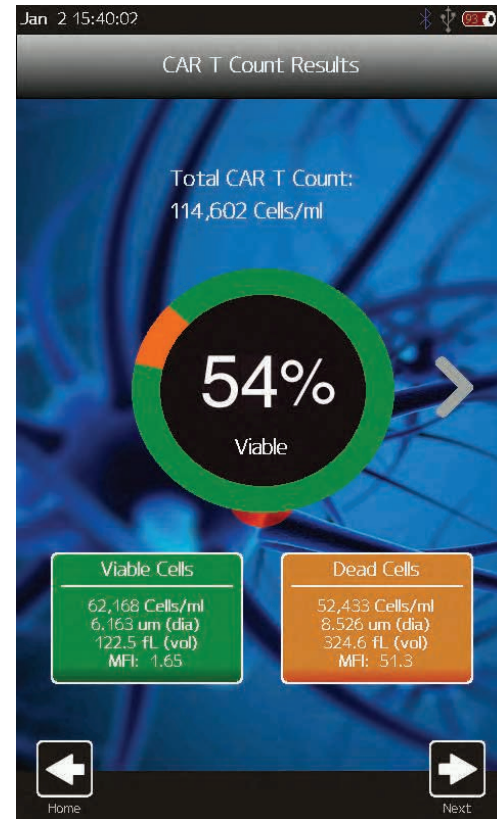
System will automatically run test.

# 3

## And the new OS will Auto-Analyze your Results, thereby eliminating user to user variability.



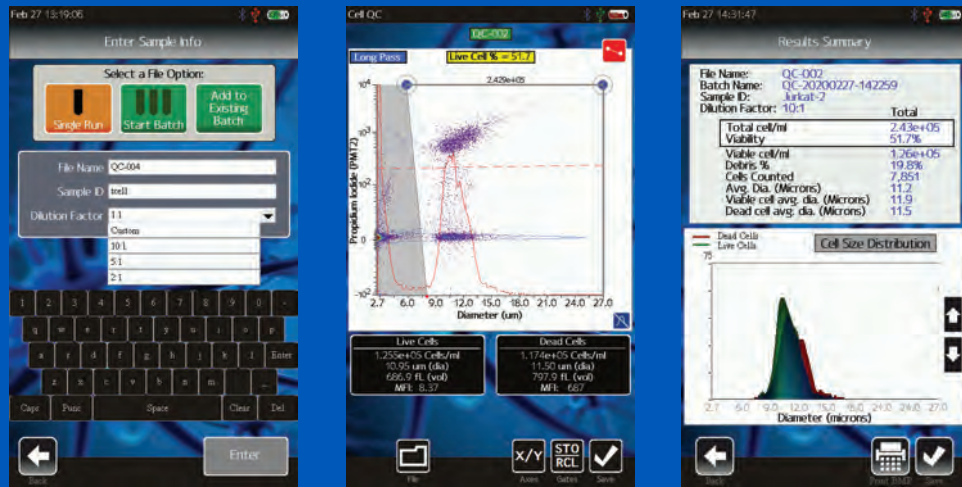
Data Summary



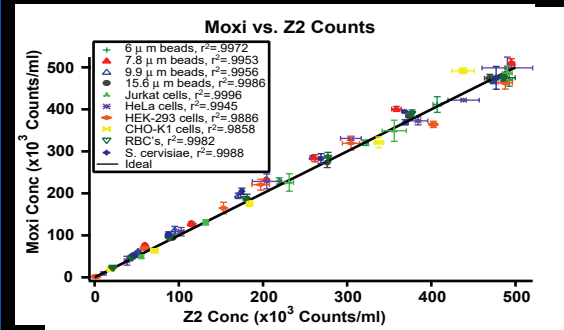
Jurkat cells were analyzed using the new Cell QC App. The Auto-Gating algorithm analyzes results in an accurate, repeatable way to provide the most consistent results possible.

The new Data Summary page allows you to view your results in a simplified, convenient way. Integrated into the CAR-T and PBMC Apps.

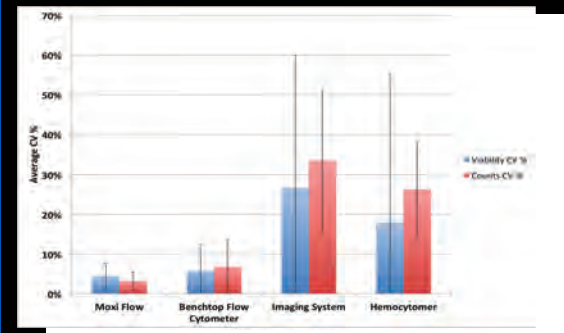
# Run in Batch Mode using the new Cell QC App.



# Benchmark Data Counts

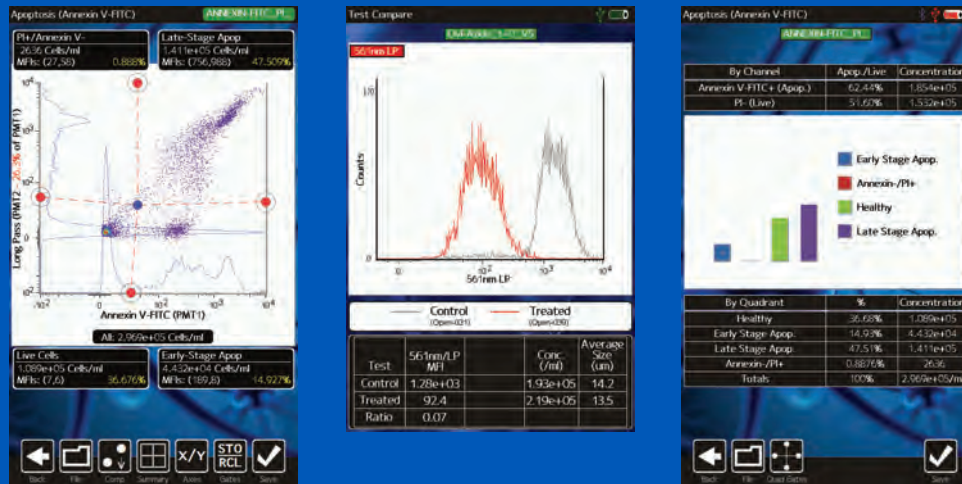


# Viability

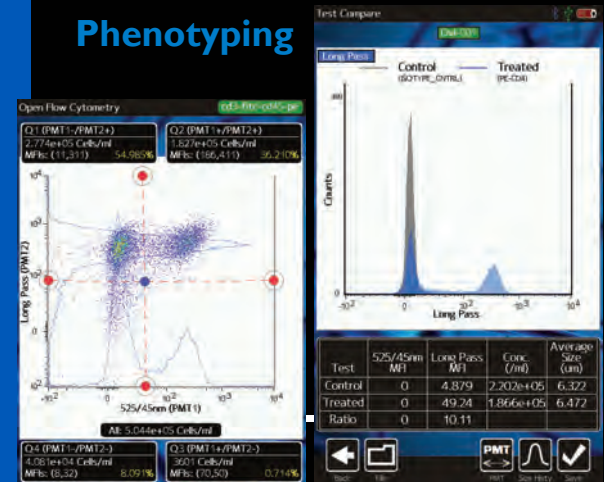


The all new Cell QC app allows you to run multiple tests of the same sample type in Batch Mode. User-to-user variability is eliminated by auto-finding both live and dead cell populations, while excluding cellular debris and RBC contamination (PBMC app). Batch mode data is exported in CSV and FCS 3.1 formats

# Perform enhanced on system analysis.



# Phenotyping



OS 2.10 enables high throughput, quantitative QC of cellular response to experimental treatments, compound libraries, and genetic modifications. Moxi GO II is also the perfect tool for bioreactor monitoring of cell vitality and other key health indicators. Data files can be compared on-board or easily transferred to a computer for on-line analysis.

# S P E C I F I C A T I O N S

## Moxi GO II™ System

<b>Detection Channels:</b>	5 (2 fluorescent, extinction, cell volume, cell count)
<b>Laser wavelength:</b>	488 nm
<b>Number of PMT's:</b>	2
<b>Optical Detection Region:</b>	525/45 nm (e.g. FITC, GFP), and either (user swappable) 561 nm/LP (e.g. PE, PI, tdTomato) or 646 nm/LP (e.g., PI, 7-AAD)
<b>Cell Size &amp; Count Detection:</b>	Impedimetric (Coulter Principle)
<b>Display:</b>	800 x 480 color touchscreen
<b>Resolution:</b>	1000 histogram bins
<b>Weight:</b>	9.5 lbs
<b>Dimensions:</b>	9.3"L x 8.7"W x 5.8"H
<b>Battery:</b>	Lithium Ion, 7500 mAh
<b>Data Storage:</b>	4 GB uSD
<b>AC Power:</b>	100-240V, 50/60 Hz, 1 Amps
<b>Connectivity:</b>	USB on-the-go (PC or MAC compatible)
<b>Data Output Format:</b>	FCS 3.1 and screen shots (.bmp)
<b>Pre-Programmed Tests:</b>	GO Flow, Cell QC, PBMC Check, CAR T Expansion, Open Flow Cytometry, GFP Check, Cell Health, Apoptosis, Cell Count, Multiplex Bead Assay
<b>Open Platform:</b>	561 nm/LP: PE, PI, RFP (e.g. DsRed, tdTomato), 7-AAD, PE-Texas Red 525/45 nm: FITC, Alexa Fluor 488, GFP, Calcein


## µ-Flow Cassette Performance (2 tests per cassette)

<b>Effective Diameter - Size Range (µm):</b>	3 - 26 µm
<b>Cell Volume (fL):</b>	14 - 9202 fL
<b>Measurement Time:</b>	10 seconds
<b>Concentration:</b>	10,000 to 1,000,000 cells per ml
<b>Sample Volume (µL):</b>	60 µL

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**Moxi GO II**