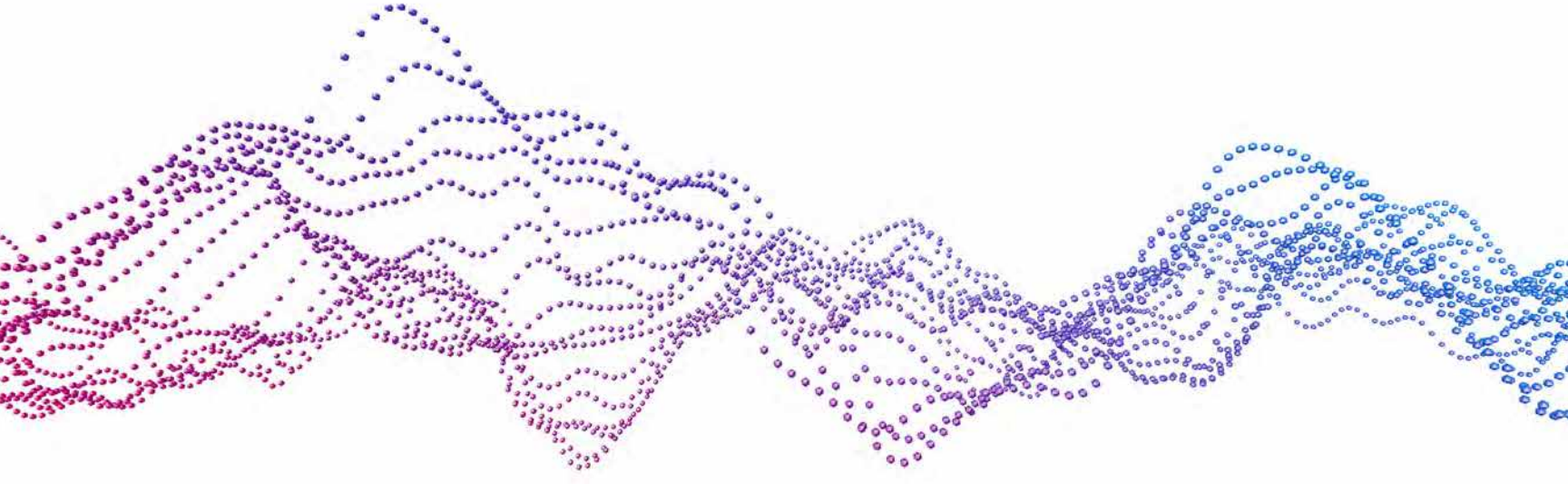
LABGIG



Simultaneous Coulter Principle + Fluorescence...

Moxi GO™ II

Gold Standard
Cell QC Analyzer

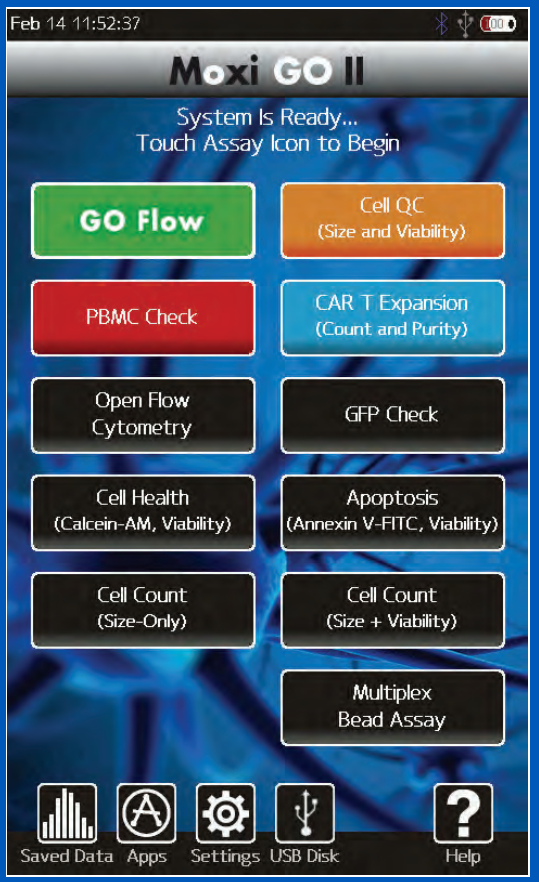
Unleash the Power of OS 2.10

Re-Invented. Simplified. Cell QC.

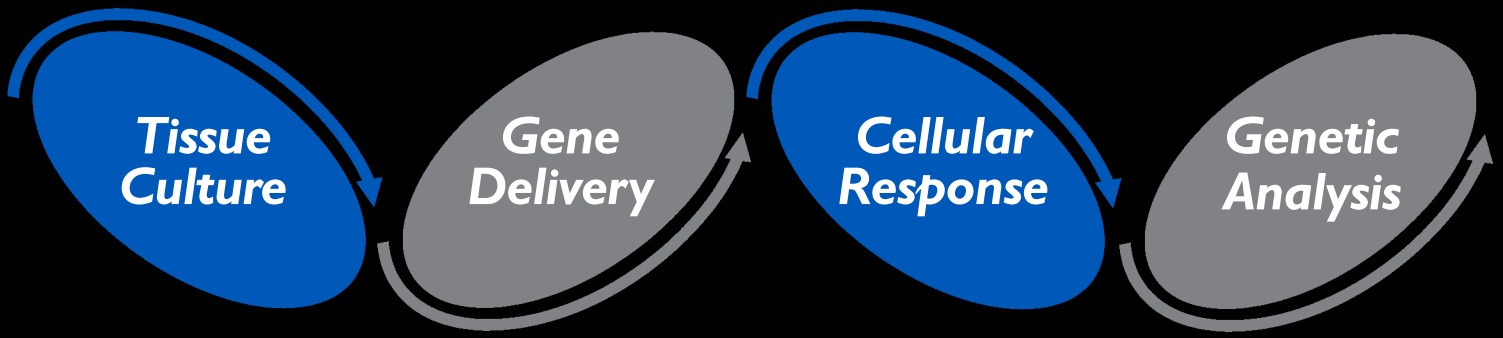
Introducing: OS 2.10

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.



Tissue Culture	Gene Delivery	Cellular Response	Genetic Analysis
Count/Viability/Volume	Transfection Check	Protein Quant	Single Cell Sequencing QC
T Cell Expansion	Monitor Infection	PD-1 Monitoring	Optimize Cell Capture Efficiency
Phenotyping	mRNA Delivery QC	CAR Expression	
PBMC QC	Protein Uptake QC	Mito Potential	
Cell Purity	Differentiation QC	Apoptosis	
		Vitality	

Affordable • Maintenance Free • Single Button Operation

Just TOUCH and GO...

1

15 sec

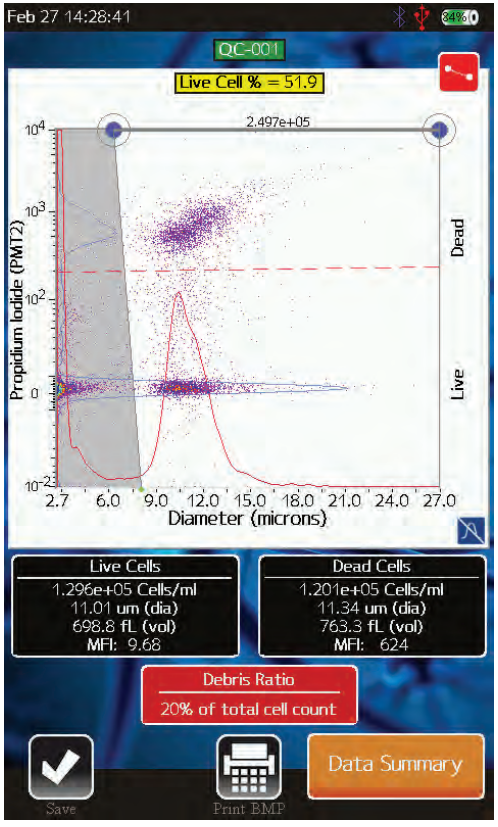
Insert Cassette
Load Sample

2

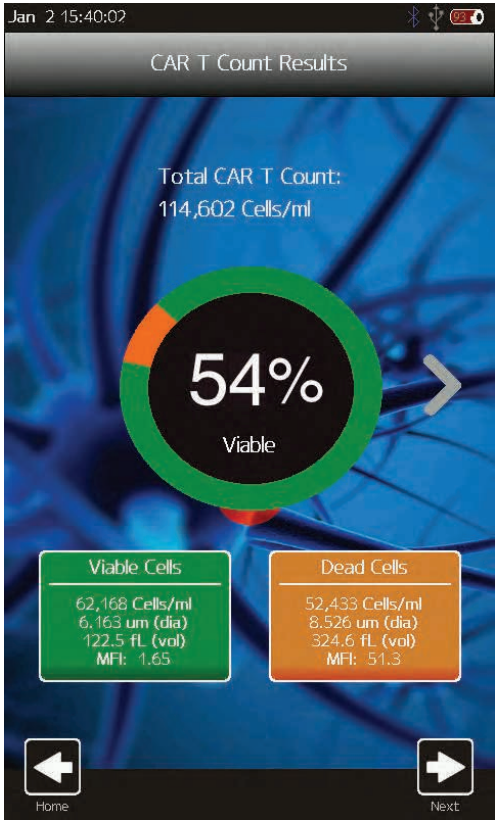
10 sec

Close Door
System will automatically run test.

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



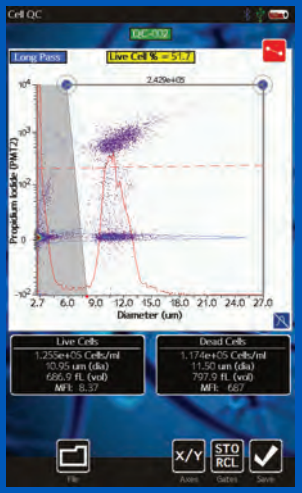
Data Summary

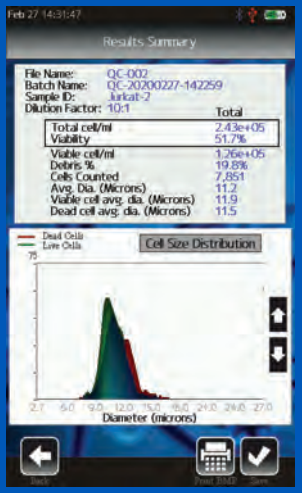


Jurkat cells were analyzed using the new Cell QC App. The Auto-Gating algorithm analyzes results in an accurate, repeatable way to provide the most consistent results possible.

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

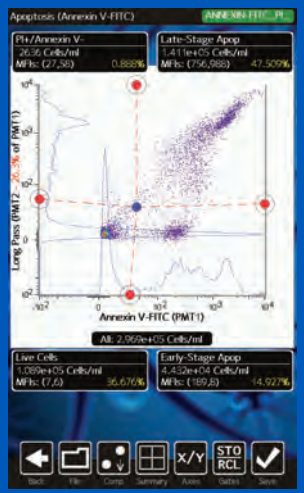
Run in Batch Mode using the new Cell QC App.

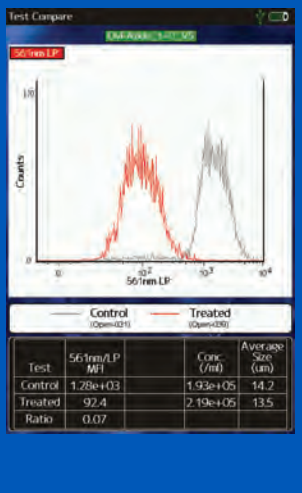


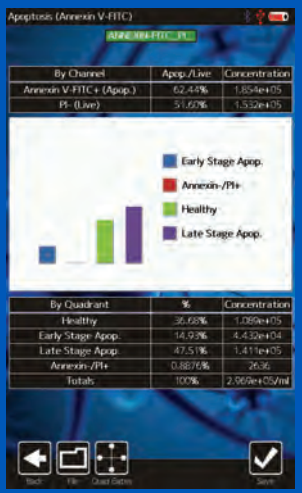


The all new Cell QC app allows you to run multiple tests of the same sample type in Batch Mode. User-to-user variability is eliminated by auto-finding both live and dead cell populations, while exlcuding cellular debris and RBC contamination (PBMC app). Batch mode data is exported in CSV and FCS 3.1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

Perform enhanced on system analysis.



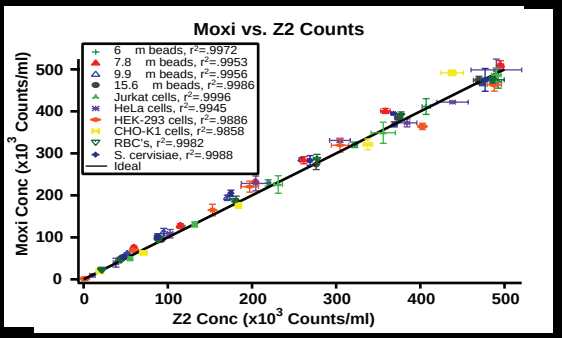




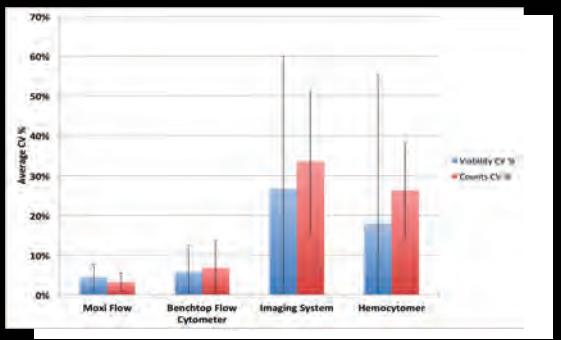
OS 2.10 enables high thoughput, quantitative QC of cellular response to experimental treatments, compound libraries, and genetic modifications. Moxi GO II is also the perfect tool for bioreactor monitoring of cell vitality and other key health indicators. Data files can be compared on-board or easily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

Benchmark Data

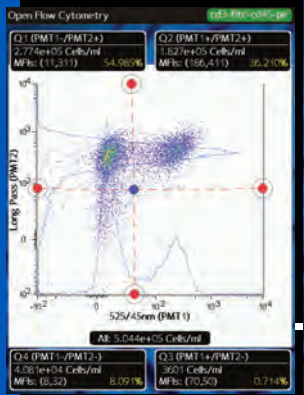
Counts

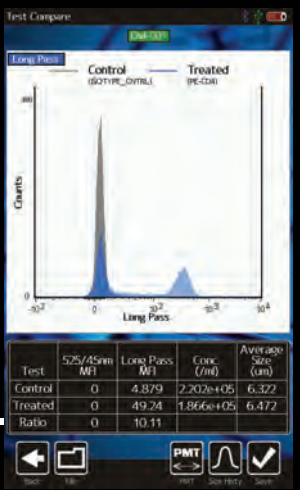


Viability



Phenotyping





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

Moxi GO II™ System

Detection Channels:	5 (2 fluorescent, extinction, cell volume, cell count)
Laser wavelength:	488 nm
Number of PMT's:	2
Optical Detection Region:	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)
Cell Size & Count Detection:	Impedimetric (Coulter Principle)
Display:	800 x 480 color touchscreen
Resolution:	1000 histogram bins
Weight:	9.5 lbs
Dimensions:	9.3"L x 8.7"W x 5.8"H
Battery:	Lithium Ion, 7500 mAh
Data Storage:	4 gB uSD
AC Power:	100-240 V, 50/60 Hz, 1 Amps
Connectivity:	USB on-the-go (PC or MAC compatible)
Data Output Format:	FCS 3.1 and screen shots (.bmp)
Pre-Programmed Tests:	GO Flow, Cell QC, PBMC Check, CAR T Expansion, Open Flow Cytometry, GFP Check, Cell Health, Apoptosis, Cell Count, Mulitiplex Bead Assay
Open Platform:	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)

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

Made in the USA
Tel: 800-543-6464

GeminiBio™

Moxi GO™ II

LABGIG

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