

Get cell media analysis at-line, anytime.

The REBEL puts the control in your hands.

Its small, self-contained footprint fits right on your bench allowing you to run samples at-line in less than 7 minutes.



### SAMPLE INFO

Get quantitative identification and analysis on a panel of >30 analytes including all the key amino acids, biogenic amines, water soluble vitamins and dipeptides.

#### Analysis time:

7 minutes per well

#### Volume and format:

10 µL minimum volume (prior to dilution)

96-well plate or chromatography vials

Cooled sample storage is standard

#### Type:

Fresh or spent cell media from mammalian or microbial cultures and fermentations

#### Amino Acids

Alanine	Arginine	Asparagine
Aspartic acid	Glutamic acid	Glutamine
Glycine	Histidine	Isoleucine
Leucine	Lysine	Methionine
Phenylalanine	Proline	Serine
Threonine	Tryptophan	Tyrosine
Valine		

#### Biogenic Amines

beta-Alanine	GABA	Hydroxyproline
L-Citrulline	Methyl-L-histidine	Sarcosine

#### Vitamins

Choline	Nicotinamide	Pyridoxal
Pyridoxine	Thiamine	

#### Dipeptides

Alanine-glutamine	Cystine
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### THE DEVICE

#### Calibration:

Automated calibration and QC with consumable kits

#### System Interfaces:

Ethernet, USB port (2)

### COMPLIANCE

#### Safety/Compliance:

UL/CSA/IEC 61010-1  
3rd Edition; CE marked;  
EU & China RoHS; EU REACH

### YOUR DATA

#### Output:

Values reported in "mM" concentration over 2.5 orders of magnitude linear dynamic range

#### Report format:

CSV and PDF

### SOFTWARE

Designed for operation in cGLP/cGMP, with support for 21 CFR Part 11-compliance

### OPERATING CONSIDERATIONS

#### Ambient temperature:

15 - 25°C

#### Ambient humidity:

20 - 80% RH (non-condensing)

**Solvent waste collected in dedicated vessel with level sensing**

**Condensate (water) collected in dedicated vessel with level sensing**

#### Power requirements:

100-240 VAC, 50-60 Hz

#### Physical dimensions:

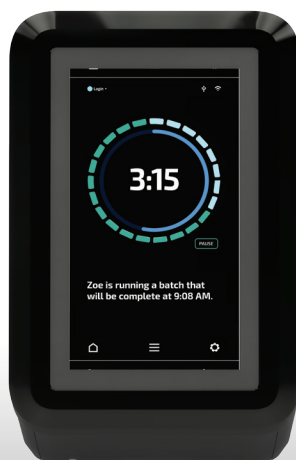
Height (22 in, 56 cm), width (13 in, 33 cm), depth (27 in, 69 cm), weight (83 lbs, 38 kg)

### SOFTWARE INTEGRATION

Sartorius SIMCA multivariate data analysis

Securecell Lucullus PIMS\*

\*driver license available directly from Securecell Inc.



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