

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

LIMS/PIMS INTEGRATION

Driver available for integration with Securecell Lucullus®*

*driver license available directly from Securecell Inc.

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

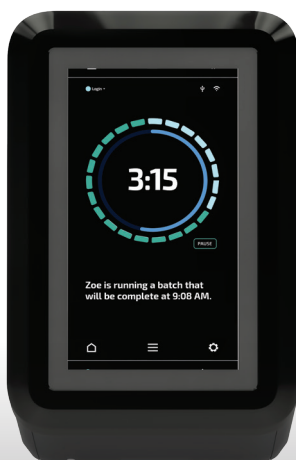
Condensate (water) collected in dedicated vessel with level sensing

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)



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