

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 10 minutes.



SAMPLE INFO

Get quantitative identification and analysis on a panel of 30+ analytes including key amino acids, biogenic amines, and water-soluble vitamins.

Analysis time:

<10 minutes per well

Volume and format:

10 µL minimum volume (prior to dilution)

96-well plate or chromatography vials

Cooled sample storage

Type:

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

Amino Acids:

Alanine
Alanyl-Glutamine
Arginine
Asparagine
Aspartic acid
Betaine
Cystine
Glutamic Acid

Glutamine
Glycine
Histidine
Isoleucine
Leucine
Lysine
Methionine
Phenylalanine

Proline
Serine
Threonine
Tryptophan
Tyrosine
Valine

Biogenic Amines:

β-Alanine
L-Citrulline

GABA
Hydroxyproline

Methyl-L-histidine
Sarcosine

Vitamins:

Choline
Pyridoxine

Nicotinamide
Thiamine

Pyridoxal

THE DEVICE

Calibration:

Automated calibration and QC with consumable kits

System Interfaces:

Ethernet, USB port (2)

YOUR DATA

Output:

Concentration reported in "mM"

Report format:

CSV and PDF

OPERATING CONSIDERATIONS

Ambient temperature:

20–25°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)

COMPLIANCE

Safety/Compliance:

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

SOFTWARE

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

SOFTWARE INTEGRATION

Sartorius SIMCA multivariate data analysis

Securecell Lucillus PIMS*

*driver license available directly from Securecell Inc.