

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

Asparagine

Cystine

Glycine

Leucine

Phenylalanine

Threonine

Valine

Alanine-glutamine

Aspartic acid

Glutamic acid

Histidine

Lysine

Proline

Tryptophan

Arginine

Betaine

Glutamine

Isoleucine

Methionine

Serine

Tyrosine

Biogenic Amines

beta-Alanine

L-Citrulline

GABA

Methyl-L-histidine

Hydroxyproline

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:

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)

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.