

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	Cysteine	Glutamic acid
	Glutamine	Glycine	Histidine
	Isoleucine	Leucine	Lysine
	Methionine	Phenylalanine	Proline
	Serine	Threonine	Tryptophan
Biogenic Amines	Tyrosine	Valine	
	GABA	beta-Alanine	Methyl-L-histidine
Vitamins	L-Citrulline	Sarcosine	
	Choline	Niacin	Nicotineamide
Dipeptides	Pyridoxal	Pyridoxine	Thiamine
	Alanine-glutamine	Cystine	

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

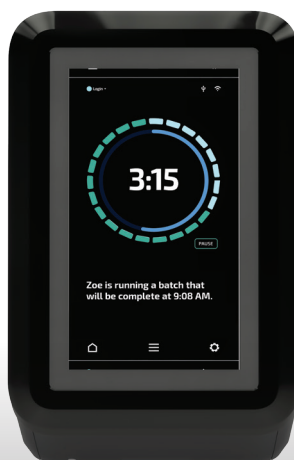
Condensate (water) collected in dedicated vessel with level sensing

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)



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