



YSI 2900 Series Biochemistry Analyzers

BIOPROCESS

FOOD & BEVERAGE

BIOFUELS

MEDICAL RESEARCH



Life Sciences
Data for Life.™

a xylem brand

YSI 2900

Biochemistry Analyzer



Versatile

Measure >10 chemistries-
each in under 1 minute

Analyte-specific results

Even in complex matrices

Modular

Expandable from 2 to 6 chemistries with
the YSI 2950

Anti-clogging fluidics and chamber design

Measure high cell density samples with ease

Technical Specifications

Chemistries	Bioprocess Monitoring	Food and Beverage	Medical Research
Glucose	✓	✓	✓
Lactate	✓	✓	✓
Glutamine	✓	✓	✓
Glutamate	✓	✓	✓
Ammonium	✓	✓	
Potassium	✓	✓	
Xylose	✓		✓
Ethanol	✓	✓	✓
Methanol	✓		✓
Sucrose	✓	✓	✓
Galactose	✓		✓
Lactose		✓	✓
Choline		✓	✓
Glycerol	✓	✓	✓
Hydrogen peroxide	✓	✓	✓

- ✓ Primary application
- ✓ Secondary application

Specifications

Aspirated Sample Volume	User-defined from 10 to 50 µl
Analysis Time	60 seconds
Precision	Application specific, typical CV <2%
Linearity	+/- 5% Cal value to maximum
Dimensions	YSI 2900: 8"w x 20.5"d x 15.75"h 20.3cm w x 52.1cm d x 40cm h YSI 2950: 14"w x 20.5"d x 15.75"h 35.6cm w x 52.1cm d x 40cm h Bottle rack adds 9" (22.9cm)
Working Environment	15 to 35° C ambient temperature, 10 to 75% relative humidity (noncondensing)
Power Requirements	100-120 VAC or 220-240 VAC, 50-60 Hz, 50 Watts nominal
Regulatory Compliance	CE, RoHS
Automation	Up to 96 samples
Weight	YSI 2900: 28 lbs./12.7 kg YSI 2950: 39 lbs./17.7 kg Each without bottle rack