

2.3 Specifications

Sample size:	25 microliters (aspirated volume)
Response Time (from Test Tube Holder station):	
Normal Mode:	Displayed/printed result in 65 seconds Sample to sample interval is 100 seconds
Screen Mode:	Displayed/printed result in 45 seconds Sample to sample interval is 70 seconds
Linear Range:	
Normal Mode:	
Glucose:	to 50.0 mmol/L (900 mg/dL or 9000 mg/L)
Lactate:	to 30.0 mmol/L (267 mg/dL or 2670 mg/L)
Screen Mode:	
Glucose:	to 27.8 mmol/L (500 mg/dL or 5000 mg/L)
Lactate:	to 15.0 mmol/L (134 mg/dL or 1335 mg/L)
Calibration point:	
Glucose:	10.0 mmol/L; 180 mg/dL; 1800 mg/L
Lactate:	5.00 mmol/L; 45 mg/dL; 445 mg/L
Enzyme membrane working life (typical):	
Glucose:	21 days (YSI 2365)
Lactate:	14 days (YSI 2329)
Precision:	
Glucose:	±2% of the reading or 2.5 mg/dL (25 mg/L, 0.2 mmol/L), whichever is larger
Lactate:	±2% of the reading or 0.1 mmol/L (1 mg/dL, 10 mg/L), whichever is larger
Resolution:	
Glucose:	1 mg/dL (1 mg/L, 0.1 mmol/L)
Lactate:	0.1 mmol/L (1 mg/L, 1 mg/dL)

NOTE: YSI makes no performance claims for sampling whole blood using the YSI 2710 Turntable.

Working environment:	
Ambient temperature:	15° to 35° Celsius
Relative humidity:	10% to 90% (noncondensing)
Power requirement:	110–120 VAC ¹ , 1A or 220–240 VAC, 0.5A 50–60 Hz 50 Watts nominal
Instrument dimensions:	25.4 x 35.6 x 35.6 centimeters 10.0 x 14.0 x 14.0 inches
Instrument weight:	11.4 kilograms 25 pounds
Regulatory Compliance:	CSA, CE, FDA Registered Class II (862.1345) Pollution degree 2 Installation Category 2 Altitude 2000m Indoor use only

¹ Mains supply voltage fluctuations not to exceed ±10% of nominal supply voltage.