

## Leading-edge technology

### Piccolo xpress™ Product Specification

<b>Dimensions</b>	Height	32.5 cm (12.80 in)
	Width	14.9 cm (5.87 in)
	Depth	21.0 cm (8.27 in)
<b>Weight</b>	Analyzer	5.3 kg
	Power Adapter	1.0 kg
<b>Power Requirements</b>	100 - 240 volts AC; 50 - 60 Hz; or 16 volts DC, 5.0 A	
<b>Sample Size</b>	100 µl (0.1cc)	
<b>Sample Type</b>	Lithium heparin, whole blood, serum or plasma	
<b>Test Time</b>	Approximately 12 minutes	
<b>Quality Control Features</b>	Built-in intelligent Quality Control (iQC™) system	
<b>Communication</b>	USB, Ethernet	
<b>Consumables</b>	8 cm diameter, single-use, self-contained plastic chemistry reagent discs Each disc contains all reagents needed to perform a complete panel of tests on a single sample	
<b>Data Input Display</b>	alphanumeric , 14-digits, WVGA color touchscreen	
<b>Printer</b>	Built-in thermal printer with self-adhesive hard copy External Printer/LIS/EMR capable	
<b>Memory Capacity</b>	Up to 5,000 patient and quality control results	
<b>Mode of Operation</b>	Continuous	
<b>Protection Against Ingress of Fluids</b>	Ordinary equipment (IPX0)	
<b>Analyzer Hardware</b>	Xenon arc stroboscopic lamp and a beam-splitter/detector reads nine wavelengths analog-to-digital converter used in signal processing Two microprocessors control analyzer functions Temperature is controlled to a nominal of 37°C during reaction portion of analysis	
<b>Ambient Operating Temperature Range</b>	15 - 32 °C indoor use	
<b>Reaction Temperature</b>	37 °C (98.6 °F),	
<b>Operating Humidity</b>	8 - 80%, non-condensing	



## The effective way of blood testing

### Exceptionally Fast

From sample to complete panel results in 3 steps and approximately 12 minutes

1 – Add sample – 100  $\mu$ l



2 – Insert disc



3 – Read results



### Exceptionally Easy

Fully automated system requires no special operating skills

- 100  $\mu$ l whole blood, serum or plasma
- Full-color touch screen with intuitive user interface
- Walk-away operation
- Bar-coded reagent disc self calibrates with every test run
- Built-in intelligent Quality Control system (iQC™) eliminates daily liquid control testing
- Delivers multi-analyte panels including lipids, liver enzymes, electrolytes and more
- Results are provided in a self-adhesive hard copy report or can be quickly transferred to a data management system, enabling physicians to rapidly obtain critical diagnostic information at the point-of-care

### Exceptionally Accurate

Advanced technology ensures reliable results

- Accuracy and precision comparable to large and expensive laboratory analyzers
- Built-in iQC™ complies with worldwide proficiency standard requirements (e. g. CLIA\* standard of FDA)
- iQC™ system performs continuous quality control checks on every run
- Every self-contained reagent disc is bar-coded for automatic self-calibration

\*CLIA = Clinical Laboratory Improvement Amendments