

Abaxis Piccolo xpress[™]

A breakthrough in point-of care diagnostics

Closer to Care.



Closer to Care.

piccolo *xpress*[™]
chemistry analyzer

A breakthrough in point of care diagnostics

Fast, easy, accurate on-site testing

The Piccolo xpress[™] is a fully automated system, that delivers comprehensive on-site chemistry results within 12 minutes.



- very small sample: 100µl
- whole blood, serum or plasma
- time-saving walk-away operation
- self-contained, single-use, self-calibrating reagent discs
- 16 pre-configured, multi-analyte panels
- 12 minutes to complete panel result
- Portable so that you can take it wherever it's needed
- USB and Ethernet for easy connectivity to LIS or peripherals

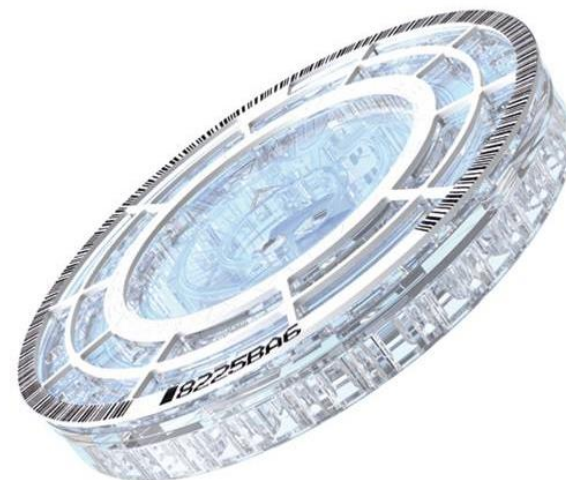
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Piccolo xpress™ - Reagent Discs



Preconfigured and Color-Coded



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Piccolo xpress™ - smart operating system

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chemistry analyzer

From blood draw to printed results in 3 easy steps within 12 minutes



30 sec



Add sample

100µl whole blood, serum or plasma



12 minutes



Insert disc

walk-away operation
self calibrates with every test run



Read results

printed on self-adhesive hard copy or
via electronic transfer

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Piccolo xpress™ - Accurate and Reliable

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chemistry analyzer

piccolo xpress
MetLyte Plus CRP

02 Aug 2013 02:44 AM

Sample Type: Patient ID: 020813

Patient ID: 3192BA2

Disc Lot Number: 0000P20026

Serial Number:

GLU	111	73-118	mg/dL
BUN	16	7-22	mg/dL
CRE	0.5 *	0.6-1.2	mg/dL
CK	79	30-380	U/L
NA+	139	128-145	mmol/L
K+	4.5	3.6-5.1	mmol/L
CL-	100	98-108	mmol/L
tCO2	26	18-33	mmol/L
CRP	< 5.0	0.0-7.5	mg/L

QC OK
HEM 0 LIP 0 ICT 0

Results are printed on

- a self-adhesive hard-copy
- or via electronic transfer
- allowing immediate access to critical information at the point-of-care

Large memory capacity

- stores up to 5000 patient records

Externally accessible

- USB or Ethernet data transfer technology facilitates LIS connectivity

Precision and specificity

- Comparable to premium laboratory analyzers

Built-in intelligent Quality Control (iQC™) system

- Continuous quality control checks on every run
- Guaranties accurate and reliable results

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Piccolo xpress™ - Test Menu



Piccolo xpress™ Panels	Analytes	Albumin	Alkaline Phosphatase	Alanine Aminotransferase	Amylase	Aspartate Aminotransferase	Direct Bilirubin	Blood Urea Nitrogen	Total Calcium	Creatine Kinase	Chloride	Creatinine	C-Reactive Protein	Gamma-Glutamyl-Transferrase	Glucose	Potassium	Lactate	Lactate Dehydrogenase	Magnesium	Sodium	Phosphorus	Total Bilirubin	Total Carbon Dioxide	Total Protein	Uric Acid	Total Cholesterol	CHOL/HDL ratio*	High Density Lipoprotein	Non-HDL*	Low Density Lipoprotein*	Triglycerides	Very Low Density Lipoprotein*	
		ALB	ALP	ALT	AMY	AST	DBIL	BUN	Ca	CK	Cl-	CRE	CRP	GGT	GLU	K+	LAC	LDH	Mg	Na+	PHOS	TBIL	tCO ₂	TP	UA	CHOL	CHOL/HDL*	HDL	nHDL*	LDL*	TRIG	VLDL*	
General Chemistry 6 # 400-0006				●		●		●				●		●	●																		
General Chemistry 13 # 400-0029		●	●	●	●	●		●	●			●		●	●							●		●	●								
BioChemistry Panel Plus # 400-0035		●	●	●	●	●		●	●			●	●	●	●									●	●								
Basic Metabolic Panel # 400-0024								●	●		●	●			●	●				●			●										
Basic Metabolic Panel Plus # 400-0031								●	●		●	●			●	●		●	●	●			●										
Comprehensive Metabolic Panel # 400-0028		●	●	●		●		●	●		●	●			●	●				●		●	●	●									
Electrolyte Panel # 400-0022											●					●				●													
MetLyte 8 Panel # 400-0023								●		●	●	●			●	●				●			●										
MetLyte Plus CRP # 400-0034								●	●	●	●	●	●		●	●				●			●										
MetLac 12 Panel # 400-0037		●						●	●		●	●			●	●	●		●	●	●		●										
Lipid Panel # 400-0025																										●	●	●	●	●	●	●	●
Lipid Panel Plus # 400-0030				●		●									●											●	●	●	●	●	●	●	●
Hepatic Function Panel # 400-0026		●	●	●		●	●															●		●									
Liver Panel Plus # 400-0003		●	●	●	●	●								●								●		●									
Renal Function Panel # 400-0027		●						●	●		●	●			●	●				●	●		●										
Kidney Check # 400-0033								●				●																					

*Calculated value

Wherever care is needed, Piccolo xpress™ is there

piccolo xpress™
chemistry analyzer



Comprehensive chemistry results in minutes

- The Piccolo xpress™ delivers results in minutes, right on the spot
- Clinical decisions can be done quickly
- diagnostic solutions directly independent from location

Fast and easy handling

- results in 12 minutes with automatic calibration and just seconds of hands-on-time
- intuitive and user-friendly handling
- The Piccolo xpress™ can be used by trained personal and doesn't need laboratory technicians for performing

Vital chemistry information you need – on the spot

- The Piccolo xpress™ avoids the need to transport blood samples to a laboratory
- Enables professional diagnostic in air plains, helicopters, cruise liners, mobile doctors, scientific camps, rural areas or remote islands
- Fast and easy solution especially in combination with telemedicine



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Piccolo xpress™ - benefits & impact on healthcare

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Small sample size: 100µl

- higher convenience level for patients
- enables new possibilities for diagnostics
- advantageous specifically in pediatric, geriatric and oncology facilities

Precise and specific test results

- gold-standard „wet chemistry“ results
- onboard iQC™ system ensures accurate and reliable results
- accuracy and precision like premium laboratory analyzer

Comprehensive diagnostic on-the-spot

- 16 pre-configured, multi-analyte panels
- portable system for use wherever it's needed
- shortens patients turnaround time (TAT)



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For further information,
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