

easyra[®] clinical chemistry analyzer

A faster approach.



NEW

Increased throughput
240+ results per hour

- > Reach clinical decisions faster
- > Improve lab turnaround time
- > Spend more time with your patients

MEDICA
experience *Easy*

EasyRA specifications

system specifications	true random access, clinical chemistry analyzer
throughput	NEW 300 tests/hr*, 240 ISE tests/hr (4 ions)*. Patient results per hour: Photometric up to 240 tests/hr. Patient results per hour: Photometric with ISE up to 480 tests/hr. Stat time 8 minutes (Na+, K+, Cl-, CO2, GLU, BUN, CREA)
types of analysis	endpoint, enzymatic, rate, bichromatic, potentiometric, enzyme immunoassay (EIA), turbidometric immunassay (TIA)
samples	24 sample positions per sample ring for patient, calibrator, or QC samples; STAT: up to 5 user-defined positions; optional second sample ring uniquely identified by analyzer; automatic dilution: 1:2, 1:3, 1:5 and 1:10 final dilution
sample volume	photometric chemistries: 2.0–25.0 µL; programmed in 0.1 µL steps; ISE chemistries: serum: 80–90 µL; urine: 140 µL
sample containers	sample cups or primary tubes in a wide range of sizes
sample identification	position ID, barcode ID (optional), barcode types: codabar, code 39, 128, interleaved 2 of 5
reagents	24 positions for reagents; reagent cooling temperature 12°–15° C less than ambient; reagent identification: RFID (radio frequency identification) technology—automatic tracking and entry of reagent information (chemistry name, lot number, expiration date; reagent volumes; analysis volumes for reagents, samples, diluent; primary and secondary wavelengths; reaction read times; analysis type; reagent and sample blanking; linear range of assay; acceptable absorbance ranges). Reagents are ready to use. 6 open channels.
reagent volumes	reagent volume (R1)/test 120–350 µL; programmed in 1 µL steps. reagent volume (R2)/test 10–50 µL; programmed in 1 µL steps
water supply	reagent grade deionized water, diluent bottle
sampling system	probe pre-heater; single probe with RF level sensing; inner and outer probe washing
cuvette material	optical acrylic; disposable segments; 12 cuvettes per segment; 6 total segments in reaction area
reaction time	1–15 minutes
reaction temperature	37° ± 0.25° C (photometric chemistries)
wavelength	340, 405, 520, 550, 600, 660, 700; half bandwidth 10 ± 2 nm
light source	xenon flash lamp, 5 year typical life
photometric linearity	0.0–2.5 Abs units for 0.6 cm pathlength (1% deviation)
photometric resolution	0.0001 Abs units at 1.0 Abs
quality control	2 levels of controls (Levey-Jennings plots for two levels)
calibration curves	single and multilevel calibration (based on analyte)
user interface	edit and monitor worklists; review results; review calibration and quality control results; Levey-Jennings charts for 31 days of QC results; on-board diagnostics and individual component monitoring; graphic instructions for daily, weekly and monthly maintenance procedures
data storage	2000 patient results; 56,000 test results, ability to archive and retrieve results
power requirements	100 VAC–240 VAC ± 10% 50–60 Hz, 4.0/2.0A
size and weight	40" w x 15" h x 26" d (102 cm x 38 cm x 66 cm), 88 lbs (40 kgs) without reagents
ambient conditions	15°–30° C (59°–86° F); <85% relative humidity, non-condensing atmospheric air environment
computer requirements	minimum: Windows® 8**; CD/CD-RW; 1 RS-232 or USB port; touch screen monitor or SVGA color monitor, mouse and keyboard
printing	local or network printer
optional feature	ISE Module

* Based on a 12-second cycle time. Actual tests per hour may vary.

** Windows is a registered trademark of Microsoft Corporation.

easyra Test Menu

Routine Chemistry

Albumin
Bilirubin – Direct
Bilirubin – Total
Calcium
Creatinine
Glucose
Inorganic Phosphorous
Magnesium
Total Protein
Urea Nitrogen (BUN)
Uric Acid

Other Tests

CK-MB
CRP
Li⁺

Anemia Assays

Iron
TIBC

Enzyme Assays

Alkaline Phosphatase
Alanine Aminotransferase
Amylase
Aspartate Aminotransferase
Creatine Kinase
Gamma-Glutamyl
Transferase
Lactate Dehydrogenase
Lipase

Electrolytes

CO₂
Sodium
Potassium
Chloride

Specific Proteins

IgG□
IgA□
IGM□

□in development

Cardiac Risk

HDL – Direct
LDL – Direct
Triglycerides
Cholesterol

Diabetic Monitoring

HbA1c
Microalbumin

Urine Chemistry

Creatinine
Sodium
Potassium
Chloride

Calculated Tests/Ratios

Anion Gap
BUN/Crea Ratio
cLDL
eGFR



The EasyRA[®] Chemistry analyzer is configured with up to 6 open channels for enhanced menu flexibility.

MEDICA

Reagent Kits		Cat. No	Kit Size (R1/R2/R3)	Tests/ Kit	Tests/ Wedge	On-Board Stability (days)	Calibration Frequency (days)
ALB	Albumin	10218-4	4 x 39 mL	972	243	60	60
ALP	Alkaline Phosphatase	10214-4	4 x 20 mL/4 mL	400	100	8	-
ALT (SGPT)	Alanine Aminotransferase	10205-4	4 x 31 mL/7 mL	1000	250	44	-
AMY	Amylase	10217-4	4 x 39 mL	972	243	30	-
AST (SGOT)	Aspartate Aminotransferase	10206-4	4 x 31 mL/7 mL	1020	255	44	-
BUN	Blood Urea Nitrogen	10202-4	4 x 39 mL	780	195	60	7
CA	Calcium	10210-4	4 x 29 mL/9 mL	328	82	21	14
CHOL	Cholesterol	10204-4	4 x 39 mL	864	216	60	30
CK	Creatine Kinase	10222-4	4 X 23 mL/6 mL	716	179	60	-
CKMB	Creatine Kinase-MB	10226-4	4 x 28 mL/7 mL	700	175	30	-
CRP	C-Reactive Protein	10228-4	4 x 9 mL/9 mL	400	100	61	61
CO ₂	Carbon Dioxide	10209-4	4 x 23 mL	340	85	10	10
CREA	Creatinine	10203-4	4 x 29 mL/10 mL	644	161	60	20
CREA-U	Urine Creatinine	10260-4	4 x 29 mL/10 mL	644	161	60	60
DBIL	Direct Bilirubin	10212-4	4 x 29 mL/8 mL	724	181	30	30
GGT	Gamma - Glutamyl	10219-4	4 x 29 mL/7 mL	848	212	60	-
GLU-H	Glucose Hexokinase	10200-4	4 x 27 mL/6 mL	488	122	60	30
GLU-T	Glucose Trinder	10201-4	4 x 39 mL	708	177	60	30
HbA1c	Hemoglobin A1c	10230-2	2 x 30 mL/10 mL/7 mL	500	250	60	14
HDL	HDL Cholesterol	10211-4	4 x 29 mL/10 mL	464	116	60	30
FE	Iron	10223-4	4 x 19 mL/5 mL	504	126	26	26
LDH	Lactate Dehydrogenase	10215-4	4 X 29 mL/8 mL	876	219	60	-
LDL	LDL Cholesterol	10224-4	4 x 29 mL/10 mL	464	116	60	30
LIP	Lipase	10227-4	4 x 20 mL/10 mL	400	100	60	14
MG	Magnesium	10220-4	4 x 29 mL/9 mL	644	161	17	3
PHOS	Phosphorus	10221-4	4 x 29 mL/6 mL	696	174	30	30
TBIL	Total Bilirubin	10207-4	4 x 29 mL/8 mL	772	193	28	7
TIBC	Total Iron Binding Capacity	10229-4	4 x 20 mL/6 mL	400	100	21	21
TP	Total Protein	10213-4	4 x 24 mL	640	160	60	60
TRIG	Triglycerides	10216-4	4 x 37 mL	776	194	30	30
uALB	MicroAlbumin	10225-4	4 x 29 mL/8 mL	772	193	31	31
URIC	Uric Acid	10208-4	4 x 39 mL	780	195	21	30

MEDICA www.medicacorp.com

5 Oak Park Drive, Bedford, MA 01730-1413 USA
 Continental US: 800 777 5983 International: 781 275 4892
 Fax: 781 275 2731 medicacorp.com sales@medicacorp.com

© 2016_03 Medica Corporation Medica Corporation, 5 Oak Park Drive Bedford, MA 01730-1413 USA Emργο Europe, Molenstraat 15, NL-2513 BH, The Hague, The Netherlands

Marketed and Distributed Exclusively by:

FORTUNA
 emporio groups
 Health Care Products & Service Provider

India - Fortuna Emporio Groups
 323, Mahesh Industrial Estate, Opp Silver Park,
 Kashimira-Bhayander Road, Mira Road, Thane - 401107. India
 Mob: +91 7045926401
 Tel: +91 22 28118111

Email: fortunaemporio@fortunaemporio.com | Web: www.fortunaemporio.com