



## MEDICA **easyra**

**MEDICA's EasyRA®** clinical chemistry analyzer fits in multiple settings where fast, actionable results are necessary to monitor disease progression and therapeutic intervention.

### Liver Injury & Impairment

Albumin (ALB)  
Alanine Aminotransferase (ALT)  
Aspartate Aminotransferase (AST)  
Total Bilirubin (TBIL)

### Kidney Injury

Creatinine (CREA)

### Pulmonary Injury & Organ Damage

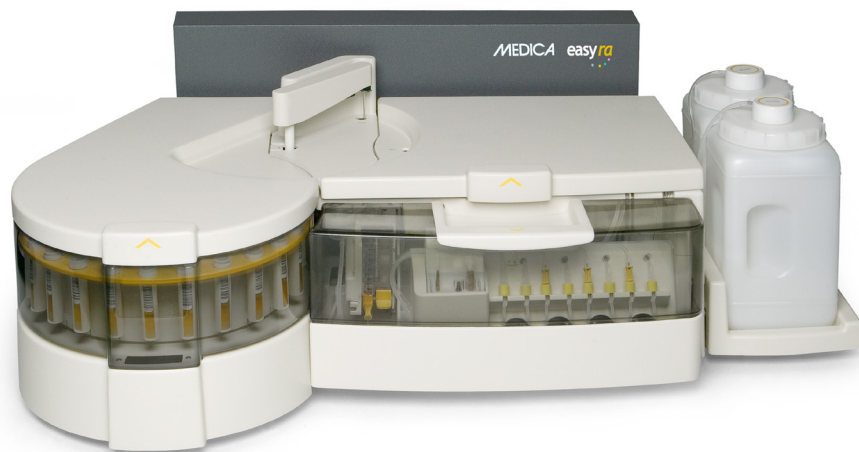
Lactate Dehydrogenase (LDH)  
Creatinine Kinase (CK)

### Viral Infection/Sepsis

C-Reactive Protein (CRP)

### Cardiac Injury

Creatinine Kinase – MB (CK-MB)



In addition to other laboratory tests, studies have shown that common clinical chemistry tests may be potential indicators of unfavorable **COVID-19** progression in adult patients<sup>1</sup>. The EasyRA clinical chemistry analyzer is an essential component in performing clinical chemistry tests recommended in the assessment and treatment of critically ill **COVID-19** patients.

The EasyRA clinical chemistry analyzer performs these tests all in a small, easy-to-use and easy-to-learn bench-top analyzer. Limited maintenance and low water consumption make it well suited for space-restricted and resource-limited locations such as mobile testing centers, triage centers, satellite lab facilities or in a larger laboratory to accommodate increased testing.

## Test Menu

### Routine Chemistry

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

### Enzyme Assays

Alkaline Phosphatase  
Alanine Aminotransferase (ALT)  
Amylase  
Aspartate Aminotransferase (AST)  
Creatine Kinase  
Gamma-Glutamyl Transferase  
Lactate Dehydrogenase  
Lipase

### Cardiac Risk

HDL – Direct  
LDL – Direct  
Triglycerides  
Cholesterol

### Other Tests

CK-MB  
CRP  
Lithium

### Anemia Assays

Iron  
TIBC

### Electrolytes

CO<sub>2</sub>  
Sodium  
Potassium  
Chloride

### Urine Chemistry

Creatinine  
Sodium  
Potassium  
Chloride  
Microalbumin

### Diabetic Monitoring

HbA1c

## EasyRA® Specifications

Throughput	Photometric with ISE up to 480 results/hr STAT time: 8 minutes
Samples	24 Positions per sample ring; 2 sample rings available
Sample Volume	Photometric chemistries: 2.0–25.0 µL ISE chemistries: serum: 90 µL; urine: 140 µL
Sample Containers	Sample cups or primary tubes in a wide range of sizes
Sample Identification	Position ID, Barcode ID
Reagents	24 Refrigerated positions; RFID (Radio Frequency Identification) technology, 6 open channels
Reagent Volumes	R1/test 120–350 µL, R2/test 10–50 µL, (1 uL steps)
Water Supply	Reagent grade deionized water, CLRW or CAP Type II
Sampling System	Single probe with RF level sensing Inner and outer probe washing Probe pre-heater
Cuvettes	Disposable optical acrylic, 12 cuvettes per segment Total of 72 cuvettes onboard
Reaction	1–15 Minutes Xenon flash lamp
Wavelengths	340, 405, 520, 550, 600, 660, 700; Half bandwidth 10±2 nm
Quality Control	2 Levels of controls, Levey-Jennings charts
User Interface	Touch screen graphical interface
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)
Ambient Conditions	15°–30° C (59°–86° F), <85% relative humidity Non-condensing atmospheric air environment
Computer Requirements	Minimum: Windows® 10** CD/CD-RW; 1 RS-232 or USB port Touch screen monitor or SVGA color monitor Mouse and keyboard Local or network printer

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

\*\* Windows is a registered trademark of Microsoft Corporation

