

# SEA-5








## Seminal Plasma POCT Automated Chemistry Analyzer

CARIAD

SEA-5 is a rapid in vitro diagnostic biochemistry analyzer for the quantitative determination of Seminal Plasma biomarkers. Seminal plasma analysis often requires timely results for diagnostic and fertility assessments. SEA-5 can deliver quick results, eliminating the need for sending samples to off-site laboratories as well as free Andrologist from complicated manual tests.

OPEN



-  No need professionally trained technician
-  5 parameters in 1 single-test cartridge
-  12 minutes for 5 parameters
-  Sample volume: 5-20 $\mu$ L
-  3 steps operation
-  Highly accurate results with CV  $\leq$  3%
-  No user calibration necessary

# Specifications

<b>Instrument type</b>	Desktop Biochemistry Analyzer
<b>Specimen</b>	Seminal plasma
<b>Sample volume</b>	5~20 $\mu$ l
<b>Testing Time</b>	12mins/sample for 5 parameters
<b>Cartridge</b>	Max 5 parameters in 1 cartridge; disposable cartridge
<b>Controlling Temperature</b>	37 $\pm$ 0.2 $^{\circ}$ C
<b>QC &amp;Calibration</b>	Automatic calibration
<b>Working Condition</b>	Temperature: 10-30 $^{\circ}$ C ; Humidity: 30-80%
<b>Methodology</b>	End point, kinetic, fixed time
<b>Light Source</b>	Halogen tungsten lamp
<b>Wavelength</b>	340nm, 420nm, 546nm
<b>Display</b>	10 inches touch screen
<b>Printer</b>	Built-in thermal printer
<b>Barcode</b>	Built-in
<b>Interface</b>	USB port * 2; LAN port*1
<b>Reagent Shelf life</b>	12 months
<b>Dimension</b>	300*360*370mm
<b>Power Supply</b>	AC100-240V, 50-60Hz
<b>Gross Weight</b>	19KG

## Test Menu

Seminal Plasma Zinc  
Seminal Plasma Citric Acid  
Seminal Plasma Neutral  $\alpha$ -Glucosidase  
Seminal Plasma Fructose  
Seminal Plasma Acid Phosphatase



support@cariad.com.cn

Zhuhai Cariad Medical Technology Co., Ltd.  
5/F, Block 6, 6 Jinyuan 1st Rd., High-tech Zone, Zhuhai 519085, Guangdong, P.R.China  
Website: www.cariad.com.cn  
Tel.: (86) 756-8866017  
Fax: (86) 756-8866035

**CARIAD**  
Andrology, Reproductive, IVF.