

**JTC**  
DIAGNOSTICS

# J100

CHEMILUMINESCENCE IMMUNOASSAY ANALYZER

## Full Automated CLIA Analyzer



### Features

- ✓ First result in  $\leq 15$  min
- ✓ Batch CV  $\leq 3\%$
- ✓ Up to 120 T/H

### **Innovative Design**

Incubation, washing and detection all-in-one  
Small size  $\leq 38$  kg, ideal for different settings

### **User Friendly**

Color touchscreen interface, simple and convenient to use  
All consumable loading is performed upon user's request in the control panel

### **Principle:**

Magnetic Particles-Based Enzyme

### **Throughput:**

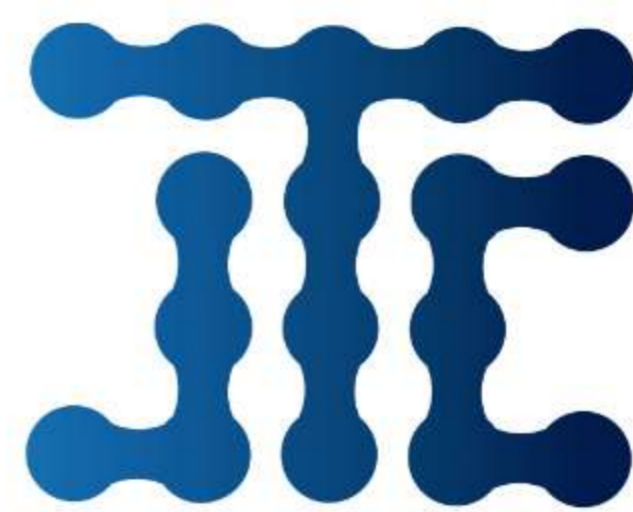
Up to 120 T/H

### **Time to First Result:**

$\leq 15$  minutes

### **Walk Away Capacity:**

3 Hours



## Technical Specifications

### Reagent Assembly

Reagent Disk: 10 positions, continuous loading during test  
Cooling System: 2~8°C  
Reagent Mixing: Non-touch rotary mixing for magnetic particles  
Reagent Volume: 10~200µl  
Reagent Type: 100% ready-to-use liquid reagents  
Evaporation Control: Anti-evaporation cover  
Calibration Mode: Optional

### Sample Assembly

Sample Feeder: By sample racks  
Sample Capacity: 30 positions  
Sample Probe: Single steel probe for both sample & reagent  
Probe Detection: Clot, bubble & liquid level detection  
Sample Type: Serum/Plasma/Urine  
Sample Volume: 10~150µl  
Carryover: <10 ppm  
Sample Dilution: 1:2 ~ 1:40  
Barcode: Code 39; Code 128; Codabar (USS); Interleaved 2/5W

### Reaction System

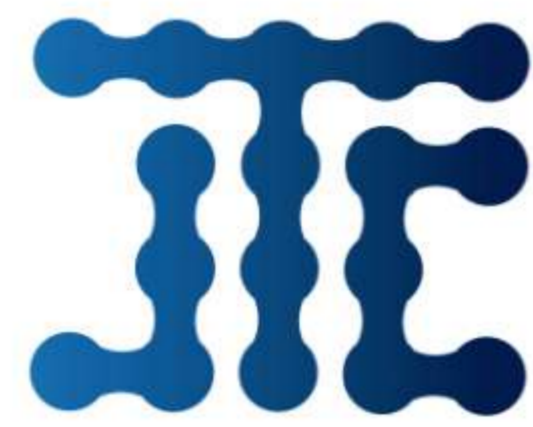
Reaction Volume/Test: ≤ 400µl/T  
Reaction Disk: 52 positions  
Reaction Temperature: 37±0.3°C  
Reaction Time: Depending on assays  
Reaction Mixing: Non-touch vortex mixing

### Physical Information

Operating Temperature: 10~30 °C  
Humidity: 85% (noncondensing)  
Altitude: ≤ 3000m  
Power Requirements: 100-240V, 50/60Hz  
Power Input: 1000VA  
Dimension (mm): 433(L)\*679(W)\*638(H)  
Weight: ≤38 kg



JTC Diagnosemittel GmbH  
Schulweg 7, Voehl, Germany  
Phone: +49 5635 9929281  
Mobile : +49 163 27 58 499  
Website: [www.jtc-diagnostics.de](http://www.jtc-diagnostics.de)  
Email: [sales@jtc-diagnostics.de](mailto:sales@jtc-diagnostics.de)



# Tests:

## Available Products

TSH	FSH	Ferritin	CEA
T3	PRL	HCG	FreeT3
T4	PSA	AMH	Free T4
LH	Free PSA	AFP	Vitamin D

## Comming Soon

HE4	CA 125	CA 19-9	CA 15-3	IgE
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## Future Products

H.pylori-IgG	Anti-dsDNA	CMV-IgG	HBsAg	C-peptide
H.pylori-IgA	ANA	CMV-IgM	HCV	Insulin
H.pylori-IgM	Toxo-IgG	HSV-IgG	HBsAb	HbA1c
Anti-TG	Toxo-IgM	HSV-IgM	Troponin i	Cystatin c
Anti-TPO	Rubella-IgG	Anti-TTG	D-Dimer	GH
Anti-CCP	Rubella-IgM	HIV-4th	CKMB	Tup

JTC Diagnosemittel GmbH  
Schulweg 7, Voehl, Germany  
Phone: +49 5635 9929281  
Mobile : +49 163 27 58 499  
Website: [www.jtc-diagnostics.de](http://www.jtc-diagnostics.de)  
Email: [sales@jtc-diagnostics.de](mailto:sales@jtc-diagnostics.de)