



## KD-VF Rapid Test Reader

- Compatible with alternating current of 100-220V
- Working temperature range: 5 °C ~ 40 °C
- Best running temperature: 20 °C ~ 28 °C
- Source wavelength range: Fluorescence excitation 365±5 nm, Fluorescence reception 610 nm
- Repeatability: coefficient of variation CV≤5%
- Linearity: Linear related coefficient R≥0.99
- Stability: Relative drift value ≤ 5% within 8 hours
- Preheating: within the normal operating temperature range
- Display: 7-inch LCD screen
- Printer: Built-in micro printer
- Data line interface: USB interface, network interface, serial port

### Benefits of Chemtrue® KD-VF Rapid Test Reader

#### Application

Quantitative tests:

HCG/ MAU/ cTnI/ CRP/D-Dimer/ cTnI/CK-MB/Myo/ PCT/NT-proBNP

### Composition of Rapid Test Reader System

Test Device

Electric circuit control system

Mechanical drive system

Data acquisition system

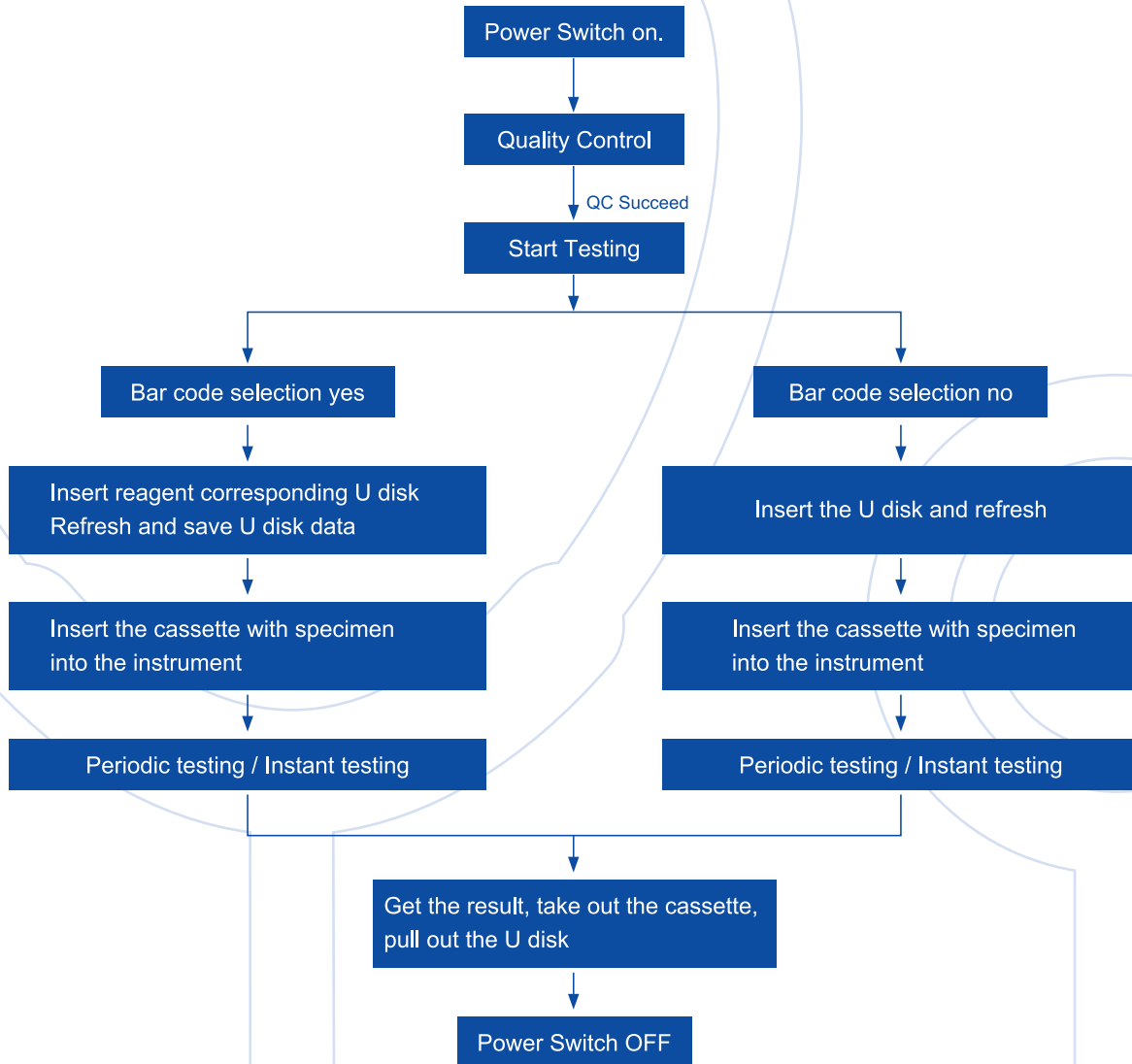
Software

With the use of the reader, it can make the results more accurate and objective. The application of the Rapid Test Reader can be promoted to the hospitals, laboratories.

### Quantitative Test

Test Cassette	Intended Use	Specimen	Cut-Off	Linear-Range
β-HCG	Diagnosis of Pregnancy	Urine/Whole Blood/Serum/Plasma	25mIU/ml	10-5000mIU/ml
hsCRP-CRP	Diagnosis of Infection	Whole Blood/Serum/Plasma	hsCRP:1.0mg/L CRP:10mg/L	0.1-200mg/L
PCT	Diagnosis of Sepsis	Whole Blood/Serum/Plasma	0.5ng/ml	0.1-50ng/ml
NT-proBNP	Diagnosis of Myocardial Infarction	Whole Blood/Serum/Plasma	300pg/ml	200-20000pg/ml
MAU	Diagnosis of Renal Injury	Urine	20µg/ml	10-200µg/ml
D-Dimer	Diagnosis of DVT/PTE/DIC	Whole Blood/Serum/Plasma	0.5µg/ml	0.1-2.0µg /ml
cTnI	Diagnosis of Myocardial Infarction	Whole Blood/Serum/Plasma	1ng/ml	1-50ng/ml
cTnI/CK-MB/Myo	Diagnosis of Myocardial Infarction	Whole Blood/Serum/Plasma	cTnI:1ng/ml CK-MB:5ng/ml Myo:70ng/ml	cTnI:1-50ng/ml CK-MB:5-100ng/ml Myo:25-500ng/ml

## Operational Procedure



### Chemtron Biotech, Inc.

Add: 9245 Brown Deer Road, Suite B  
San Diego, CA 92121 USA  
Tel: 001-858-450-0044  
Fax: 001-858-450-0046  
Email: [info@uschemtronbio.com](mailto:info@uschemtronbio.com)  
Website: [www.uschemtronbio.com](http://www.uschemtronbio.com)

### Shanghai Chemtron Biotech Co., Ltd.

Add: No. 518 Qingdai Road, International Medical Zone,  
Pudong New District, Shanghai, China 201318  
Tel: 086-21-68129988  
Fax: 086-21-68129333  
Email: [international@chemtronbio.com](mailto:international@chemtronbio.com)  
Website: [www.chemtronbio.com](http://www.chemtronbio.com)