Test Menu

※ : available soon

CE marked: all except TPSA & f-PSA

Cardiovascular Diseases

- hs-cTnI
- hs-cTnT
- D-Dimer
- NT-proBNP
- H-FABP
- ST2
- Myo
- Lp-PLA2
- ※ CK-MB

Thyroid

- TSH
- TT3
- FT3
- TT4
- FT4

Diabetes

- HbA1c

Tumor Markers

- CEA
- AFP
- F-PSA
- TPSA

Others

Immunologic Function:

- tIgE

Renal Function:

- ※MAU

Vitamin and Nutrition

- 25-OH-VD
- Ferritin
- ※FA
- ※VB12

Sex Hormone

- β-HCG
- FSH
- PRL
- ※Testosterone
- ※LH
- ※PROG
- ※AMH

Inflammation

- PCT
- CRP
- SAA
- ※ IL-6

Cerebral Diseases

- ※ S100-β
- ※ GFAP
- ※ NFL
- ※ Aβ1-42
- ※ p-Tau217
- ※ TAU

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YSENZDX

Single-test Chemiluminescence System

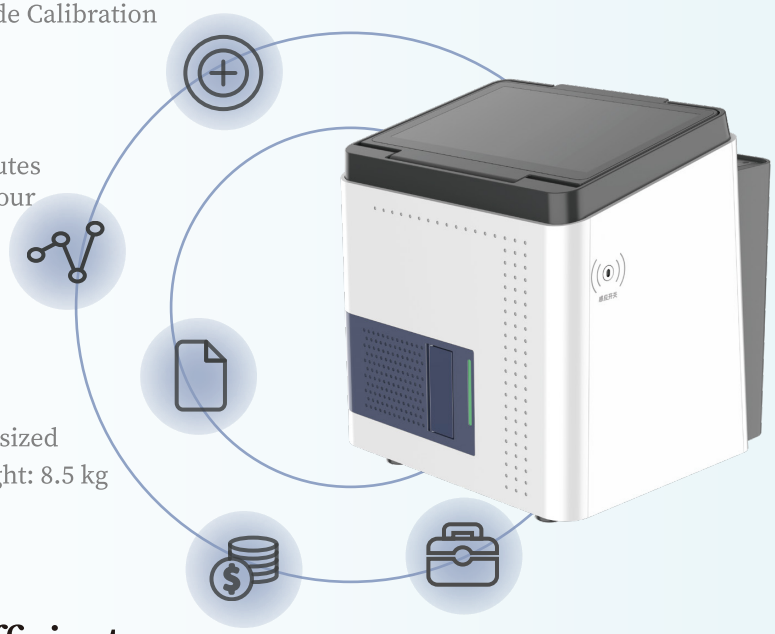
Light-Initiated Chemiluminescence for True Near-Patient Testing.

Accurate

- CV≤5%
- QR Code Calibration

Quick

- Fastest Result: <3 minutes
- Throughput: 80 tests/hour
- Whole Blood Testing



Small

- A4 Paper-sized
- Lightweight: 8.5 kg

Cost-efficient

- No Cold Chain Needed
- Room Temperature Stable
- No consumables, Maintenance-free

Flexible

- 12 detection channels
- Continuous loading
- Truly Random access

YD-CL80

Light-initiated Chemiluminescent Immunoanalyzer

YSENZDX

Specifications

- **Technology Platform:** Light-Initiated Chemiluminescent Immunoassay
- **Detection Principle:** Target analytes in the sample specifically bind to photosensitive particles and luminescent particles. Under excitation light, reactive species (e.g., singlet oxygen) are generated to trigger a chemiluminescence reaction. The emitted light signals are captured by a photodetector for rapid quantitative analysis of the target.
- **Throughput:** 80 tests/hour
- **Detection channel:** 12
- **Sample Type:** Whole Blood, Plasma, Serum
- **Display:** 10.1-inch multi-touch capacitive screen with tilt adjustment
- **Dimensions:** 280mm (L) x 310mm (H) x 285mm (D)
- **Lightweight:** 8.5 kg
- **Others:** Includes barcode scanner, thermal printer, and bidirectional LIS support

Flexible Connectivity & Specifications

Wireless/Wired Options: Wi-Fi, LAN, Bluetooth

Printing: Built-in thermal printer (supports external printer)

Data Management: Bidirectional LIS support

Input Power: 100-240V, 50/60Hz

Smart Management

User-Friendly Operating System

Touchscreen-Controlled

Real-Time System Monitoring

Adjustable Screen for Optimal Viewing



Contact-Free Sensing Technology

Built-in Motion-Sensing Control

Prevents Contact-Based Contamination

Multi-Channel Continuous Operation

Supports continuous loading

12 Independent Channels

Truly Random access , Flexible panel combination

Application Scenarios



Laboratory



ICU



Emergency Department



Pediatric Department



Gynecology and Obstetrics



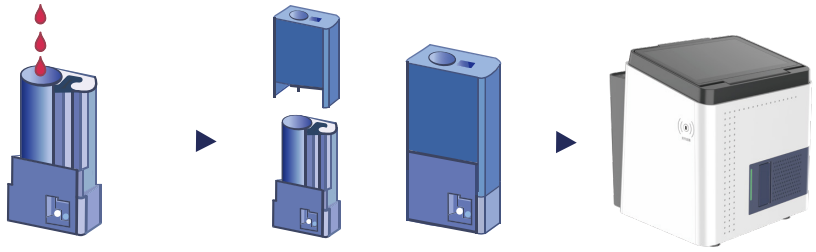
General Practitioner



Primary hospital

Testing Procedure

Simplified 3-Step Operation



1. load specimen into the test cassette

2. Cap the test cassette

3. Load into analyzer for automatic processing

YD-CL80 Reagent

- Hermetically sealed design
  Prevents contamination
- Stable at room temperature
  24-month shelf life
- Patented cassette-based RBC separation
  Enables direct whole blood testing
- Pre-calibrated reagents
  Reduces frequent recalibration
- Traceable to international standards

