

# Immu F6 Automated Chemiluminescence Immunoassay Analyzer

Point-of-care analyzer exceeding laboratory quality standards

- ❖ Reliable results, CLIA, high sensitivity
- ❖ Cost-effective, no unnecessary waste, single-use cartridge
- ❖ Comprehensive solutions, multi-test parameters
- ❖ Easy to use, only 3-step operation with whole blood testing
- ❖ Fast, 13.5 min to first result
- ❖ Random access, continuously loading



<b>Principle</b>	Chemiluminescence Method (Acridinium Ester)
<b>Sample Position</b>	6
<b>Reagent Position</b>	12
<b>Test Channel</b>	6
<b>Sample Type</b>	Whole blood, Plasma and Serum
<b>Anticoagulant Type</b>	EDTA, Heparin
<b>Blood Collection Tube Type</b>	Φ13x75 mm, Φ13x100 mm, Φ16x75 mm, and Φ16x100 mm
<b>Sample Volume</b>	10-100 uL
<b>Time to Result</b>	Up to 6 tests per 15 minutes
<b>Throughput</b>	Up to 24 tests per hour
<b>Sampling Function</b>	Pressure monitoring and intelligent liquid level, bubble and needle plugging detection
<b>Value-added Function</b>	STAT mode, 24-hour stand-by, timing boot
<b>Stability</b>	±10%
<b>Within Batch Repeatability</b>	≤ 8%
<b>Linear Dependence</b>	≥0.99
<b>Residual Contamination Rate</b>	≤2*10 <sup>-6</sup>
<b>Temperature Control Accuracy</b>	Preset value±0.3°C
<b>Self-check</b>	Power-on self-test
<b>Calibration</b>	RFID calibration and two-point calibration
<b>Display</b>	12.1-inch touchscreen
<b>Printer</b>	Internal thermal printer, external printer optional
<b>Interface</b>	4 USB, RJ-45, etc.
<b>LIS/HIS Connection</b>	Through HL7
<b>Dimension</b>	385*620*600 mm, 40 kg

<b>Operation Condition</b>	Temperature: 10-30°C Humidity: 30%-70% RH Atmospheric pressure: 61.6-106.0 kPa
<b>Store and Shipping Condition</b>	Temperature: -20-55°C Humidity: 10%-95% RH Atmospheric pressure: 22.0-107.4 kPa
<b>Power Supply</b>	AC 100-240 V, 50/60 Hz
<b>Consumables</b>	Single-use cartridge, single-use tip, general reagent kit (Contains Trigger Solution, Pre-trigger Solution and Washing Solution)
<b>Storage</b>	Trigger Solution: 2-30°C Washing Solution: 2-35°C Cartridge, Pre-trigger Solution: 2-8°C
<b>Shelf-life</b>	14-16 months

## Comprehensive Test Menu

<p><b>Cardiac Marker</b></p> <p>hs-TnI CK-MB NT-proBNP MYO H-FABP sST2 Lp-PLA2 BNP</p>	<p><b>Brain Injury</b></p> <p>S100* NSE*</p> <p><b>Tumor Marker</b></p> <p>PG I * PG II * G-17* CA125 AFP CA19-9 CA72-4 CA15-3 HER-2 CEA tPSA* fPSA*</p>	<p><b>Inflammation Marker</b></p> <p>IL-6 CRP+hs-CRP PCT SAA Anti-CCP HBP*</p> <p><b>Thyroid Function</b></p> <p>TSH TT4 FT4 TT3 FT3 TG Anti-TG Anti-TPO</p>	<p><b>Coagulation Marker</b></p> <p>D-Dimer FDP TAT TM PIC tPALC</p> <p><b>Metabolism</b></p> <p>25-OH VD iPTH hGH</p>	<p><b>Fertility &amp; Hormones</b></p> <p>β-HCG PROG AMH FSH LH E2 TESTO PRL</p> <p><b>Anemia</b></p> <p>Ferr Folate VB12</p> <p>*Coming soon</p>
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