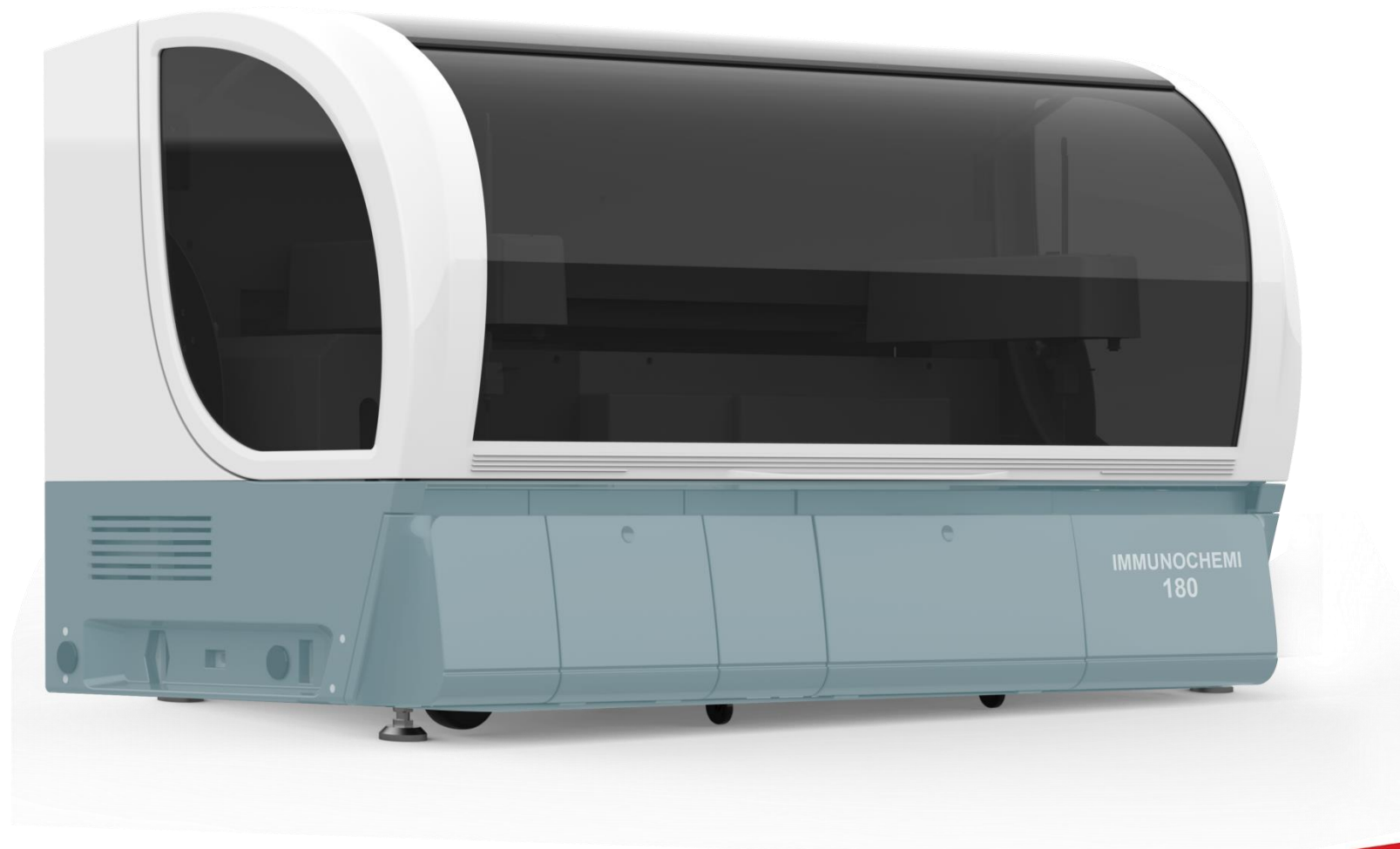


IMMUNOCHEMI 180



POCT CHEMILUMINESCENCE IMMUNOASSAY ANALYZER

Quantitative test with accurate result



IMMUNOCHEMI 180

POCT CHEMILUMINESCENCE IMMUNOASSAY ANALYZER

TECHNICAL SPECIFICATION

Principle:

- Acridinium ester direct chemiluminescence immunoassay

Throughput:

- Up to 300T/H

TAT:

- 20 min

Scalability:

- Supports two module connections

Cuvette Storage:

- Load 1000 cuvettes at one time, single cuvette

Substrate:

- Double set substrate automatic switch

Cleaning Solution:

- Concentrated cleaning solution is stored and automatically dispensed

Reagent Unit:

- 24 reagent position, 2-8°C cooling
- Automatic recognition of reagent information
- Online loading reagents
- Automatic mixing of magnetic beads
- Puncturable cap, effectively preventing reagent evaporation

Testing Mode:

- Sandwich, Indirect, Capture, Competitive Direct luminescence, no catalyst or enhancer required, high sensitivity, acridinium esters are not affected by oxidants, low interference

Reagent Features:

- Integrated kit, no need for pretreatment
- Pre-defined master curve with 2-point calibration
- 4 weeks working curve stability
- Open stability: 60 days
- Packing specification: 100T/ 200T

Sample Position:

- Load up to 75 samples, support continuous loading, barcode scanning, support single or batch sample loading, support automatic sample dilution

Sample type:

- Serum, plasma, urine

STAT

- Independent STAT channel with priority

Sample/ Reagent Needle:

- Independent sample needle and dual reagent needle
- Short sample cycle, high sample accuracy
- Liquid-level detection, air suction detection, clot detection, collision protection
- Stainless needle, internal and external cleaning, carryover ≤ 0.1 ppm

Incubator Unit:

- Incubation at $37 \pm 0.5^{\circ}\text{C}$
- Solid direct heating, maintenance free
- Non-contact vortex mixing

Operation Function:

- Automatic switch on/off
- Remote diagnosis/ automatic maintenance/ intelligent warning function
- Bidirectional LIS
- Real-time display of reagent and consumable status

Operating Temperature:

- $10\sim 30^{\circ}\text{C}$

Dimension:

- AC $220\pm 22\text{V}$; $50\pm 1\text{Hz}$

Cleaning and Separating Unit:

- Multiple magneti separation, 5 steps washing
- Needle blockage detection fuction

Power Supply:

- 110V/ 115V~, 50Hz: 220V/230V~, 60Hz

Input Power:

- 1500VA

Humidity:

- $\leq 75\% \text{RH}$, without condensation

Air Pressure:

- 85.0kPa - 06.0kPa

Weight:

- 420 Kg




Genuine Biosystem Pvt Ltd


Factory


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