

Biochemistry Analyzer

HTSH-4000



Technical Specification

Sample Type	Whole blood, serum, plasma, urine, CSF, hydrothorax, ascites, etc.
Test Speed	400T/H
Simultaneously Test Items	>40
Sample Position	96
Reagent Position	80
Reaction Position	90
Sample Volume	1.5-50 μ L, with 0.2 μ L step
Reagent Volume	10-350 μ L, with 1.0 μ L step
Reaction Volume	150~500 μ L
Light Source	13.8V, 50VA halogen lamp
Photometry Range	0-3.0Abs,
Wavelength	9 wavelengths (340, 405, 450, 510, 546, 578, 620, 660, 690nm)
Temperature Control	37 $\pm$ 0.1 $^{\circ}$ C
Power Supply	210-240V AC, 50Hz, 1KVA three-core power cord, with good grounding
Dimension (LxWxH)	930mm x 700mm x 1130mm
Weight	112 Kg



• Features

Complete Traceability

- Compatible calibrator, reagent, and quality control, offering accurate results

Sampling System

- Unique round sample tray with cooling system
Available for STAT samples, calibrator, and QC

Unique Stirring System

- Double independent plane stirring paddle, ensures uniformity
- Cleaner washing system, minimize cross-contamination

User-friendly Design

- Graphical interface, more convenient operation
- Bi-directional LIS/HIS connection, multiple report formats

• Test Menu



Liver Function

ALB, TP, ALP, ALT, AST, γ -GT, DB, TB, CHE, AFU, TBA, ADA, 5'-NT, mAST, CG, PA, MAO, GR



Blood Lipoids

CHOL, TG, HDL-C, LDL-C, NEFA, Lp(a), ApoA1, ApoB, ApoE, HCY, sdLDL-C, Lp-PLA2



Renal Function

Urea, UA, Crea, CYS, β_2 -MG, α_1 -MG, NGAL, NAG, MALB, RBP



Myocardial function

CK, CK-MB, LDH, cTnI, α -HBDH, LDH1, Myo, H-FABP, IMA, ACE



Inflammation

ASO, RF, CRP, hs-CRP, Anti-CCP, PCT, SAA



Specialty Protein

IgA, IgG, IgM, C3, C4, Fg, AAG, HPT, TRF, AAT, IgG4, C1q, ASO, RF, CRP, SAA, hs-CRP, Anti-CCP, PCT, MMP3, KL-6



Glucose Metabolism

GLU, FMN, HbA1c, GA, ADPN, β -HB



Electrolyte & Blood Gas

Ca, P, CO2, Cl, Mg, Fe, Cu, Zn



Pancreatic Gland

α -AMY, LPS



Others

PG I, PG II, SA, SOD



Calibration & Control

CMCAL, CMCON1, CMCON2

Contact HIGHTOP Now