

TC800 Automatic Chemistry Analyzer

Specifications

Model	TC800
System Functions	Fully automatically, discrete, random STAT function Online test items: at most 80 testing items Throughput: 600 tests/hour Analysis Method: end-point, kinetic, two-point, double-reagents, double-wavelength, multi-standard etc, open to various reagents Data Processing: memory up to 2 million patients' data
Sample/Reagents Handling	Sample Position: 110/165 pcs (Include standard, QC, STAT positions) Sample volume: 1-50µl, 0.1µl step Sample Probe Cleaning: automatic internal & external washing Sample Dilution: automatic/Manual pre-dilution, with dilution ratio up to 1:100 Reagent Position: 80/120 pcs (With refrigerated function, 2°C-8°C) Reagent Volume: 10-400µl, 1.0µl step Reagent Probe: automatic liquid level detect, with collision protection function Reagent Probe Cleaning: automatic internal & external washing
Reaction System	Reaction Cuvette: 90 pcs made of special material Optical Length of Cuvette: 6mm Reaction Volume: 200~500µl Reaction Time: 8-14 minutes Reaction Temperature: 37°C±0.1°C Mixing System: two independent mixing probe
Optical System	Light Source: halogen lamp Wavelength: 290nm~1100nm, 12 wavelengths Spectrophotometry: rear spectrophotometry Test Range: 0.0000-4.50000 Abs Resolution: 0.0001Abs
Bar-code Reader (Optional)	Bar-code reader used for sample/reagent programming
ISE Module (Optional)	Optional : K, Na, Cl Throughput: 300 tests/hour
QC	Various QC management function and random QC insert
Control and Calibration	Calibration: linear/nonlinear multi-points calibration Re-test: retest the sample automatically when the result is out of the linearity range or the sample is not sufficient Automatic sample dilute function
Cleaning System	8-step automatic washing, automatic cuvette dry function; Water Consumption: 10L/hour
Working Condition	Power Supply: ~100-240V, 50/60Hz, 1KVA; Temperature: 10-35°C ; Humidity: ≤90%, no dew
Operation System	Windows
Input and Output	Input: RS-232 interface / keyboard / computer; Output: multi-format printout
Dimension and Weight	Upper cabinet: W950mm×D710mm×H1180mm; Net Weight: 144kg
Packing Information	W1140mm×D895mm×H1400mm; G.W.: 208.5Kg (With plywood case)



Packing list

Main unit	1 set
Certificate of Conformity	1 set
Instruction Manual	1 set
Warranty card	1 set