

BioChem SA

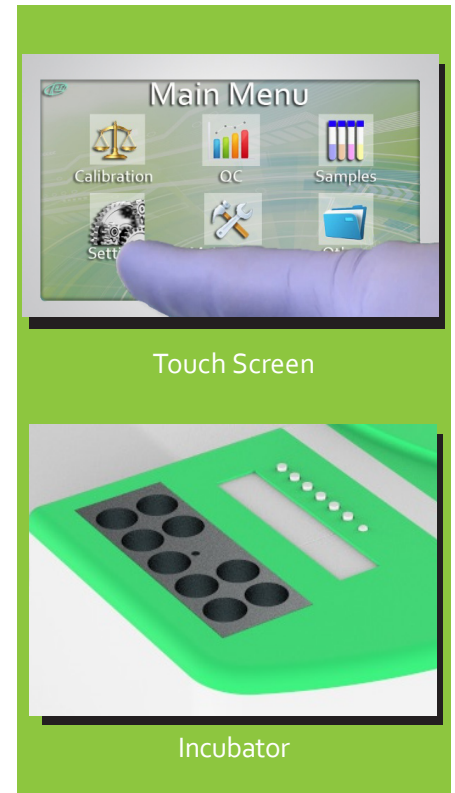
The HTI BioChem SA, Semi-Auto Chemistry Analyzer is an easy-to-use semi-automatic biochemistry analyzer with pre-programmed items, comfortable high resolution touch screen display, and dual mode operation (flow cell & cuvette),

This instrument is designed with an built-in incubator.

With an intuitive software, interactive touch screen and large memory capacity, this small analyzer is flexible to perform several types of tests and powerful to store hundreds of applications and thousands of results.

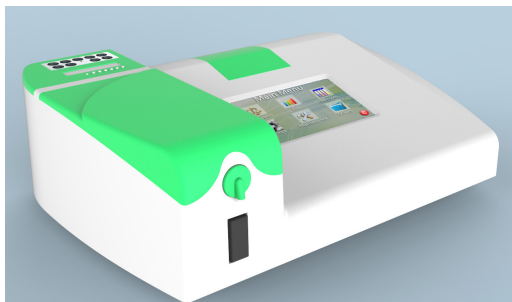
Assay types include: end-point, nephelometry, multi standards, kinetics, two-points, enzymatic standard, absorbency, sample blank, double wavelength and factor counting.

HTI's Biochem SA features a built in thermal printer that allows for immediate printout of results and an RS232 port to communicate with computer and LIS.



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Technical Data

Assay types	Analytical mode include End point, Two point (Fixed time), Kinetic with or without Reagent blank or Sample blank, Non-linear end point, Double wavelength, Immunoturbidimetry and ABS.
Wavelength:	340nm, 405nm, 510nm, 546nm, 578nm, 630nm fixed position.
Wavelength range:	± 2 nm, half wave band: ≤ 8 nm
Light source:	halogen lamp, 6V/10W, ≥ 3000 work hours + 4000 dormancy hours, auto dormancy function.
Flow cell & cuvette:	ceramic frame with quartz window, 30 micro liters flowing volume. Two test mode: flowcell or cuvette
Temperature control:	room temperature, 25, 30, 37 ± 0.2 °C
Samples drawing volume:	≤ 3000
Light absorbency range:	-0.3000-3.0000Abs
Resolution factor:	≤ 0.001 Abs (display), 0.00005Abs (internal computing).
Carry over:	1% Repeatability, < 0.005 Abs, CV $< 1\%$, Stability: < 0.005 Abs/H.
Storage capacity:	> 100 test items; 10,000 test records, 30 days Q.C. memories.
Interface:	Large high resolution color touchscreen LCD
Display:	item parameters, processed data, reaction curve, Q.C. records.
Communication:	RS232C
Report printer:	built-in 40mm high-speed thermal matrix printer.
Working conditions:	Ambient temperature 10-30°C, Relative humidity $\leq 70\%$, continuous working on ≥ 12 hours.
External dimensions:	500(l) x 330(w) x 160(h) mm.
Power supply:	AC150-260V, 50Hz, ≤ 100 VA
Weight:	7Kg