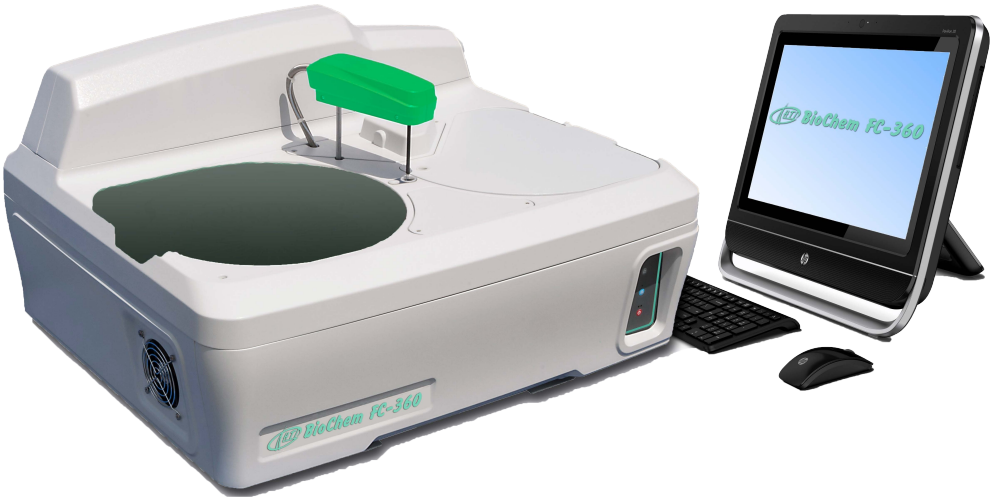

Sample & Reagent tray

Probe with liquid detection system

HTI BioChem FC-360

The HTI BioChem FC-360 Automatic Chemistry Analyzer is a high performance system designed for busy labs that require high throughput and completely walk-away functionality.

HTI's FC-360 is ideal for clinical chemistry, immunology, electrolytes and drug monitoring. The device uses a dual beam optical measurement and features an on-board reagent cooling system, continuous sample entry and automatic re-dilution of samples. The analyzer performs an average of 300 tests per hour.

Preprogrammed assays offer unlimited open channels. The device's scrubber is effective at washing and drying trays leaving them ready for new reactions.

ISE module is available as an optional feature.

Part #: FC360-10000, FC360-10001

HIGH TECHNOLOGY INC

Quality Products for Healthcare Professionals

High Technology, Inc.
109 Production Road
Walpole, MA 02081
USA
p 508-660-2221
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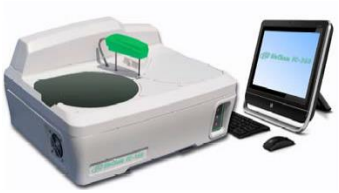
HTI BioChem FC-360 Automatic Chemistry Analyzer



Product Specifications

System Description	Fully automated random-access chemistry analyzer with STAT capability with optional barcode reader (BCR)
Test Throughput	Max: 360 tests per hour Average: 300 tests per hour With ISE (optional): 500 tests per hour
Time to First Test	Glucose: 5 min BUN: 2 min ISE: 60 seconds (optional)
Assays Onboard	60 + 4 ISE (optional)
Disease-State Assay Groups	Anemia, Autoimmune/Rheumatoid Bone Metabolism, Cardiovascular, Diabetes, Drug Abuse/ Toxicology, Hepatic Diseases, Immunosuppressive Drugs, Inflammation, Nephropathies, Nutritional Assessment, Pancreatic Disease, Oncology (DOA, TDM)

Sample Handling

Sample Tubes	Primary and secondary tubes; diameter from 12 to 13mm; height from 56 to 100mm. Sample cups for pediatrics
Sample Wheel	60 sample positions, continuous loading; Bar Code Reader (optional)
STAT Handling	Not dedicated; STAT samples are processed with priority
Sample Integrity Control	Low Volume Flag
Auto-Repeat	Auto re-dilution and re-testing of samples
Sample Volume	It depends on the reagent application: Glucose: 3 µL AST: 25 µL ISE: 50 µL (optional)
Sample Carryover Prevention	Internal and external washing of probe between cycles

Reaction Area

Reaction Cuvettes	100 PMMA washable, reusable reaction cuvettes
Reaction Bath	Air; incubation temperature 37°C
Optical Path	6mm
Photometer	Uses 10 filters, an 11th can be added (optional): 340, 380, 405, 450, 505, 546, 578, 600, 650, 700mm
Light Source	12v-20W Halogen Quartz lamp
Assay Technologies	Colorimetry, turbidimetric, latex agglutination, homogeneous EIA, indirect ISE (optional)

Reagent Handling

Reagent Tray Capacity Onboard	60 refrigerated positions + 4 ISE (optional)
Dispensing System	Probe with level and shock (x + y) sensors, level detection and crash prevention systems
Average Reagent Volume	Volume: 200 µL – 300 µL per test
Reagent Integrity	Onboard stability check, low volume flag
Test Capacity Onboard	100,000 database

IMT (Integrated Multi-Sensor Technology)

Measurement Type	Monochromatic/ Bichromatic
Sample Volume	2 – 200 µL

Calibration/QC

View Calibration	Graphical display of calibration curves
QC Data	Graphics: QC Levey-Jennings plot, RealTime QC

User Interface/Data Management

Monitor	High-Res LED (1600 x 900 dpi)
Operating System	Microsoft® Windows™
Processor	Intel® Pentium™
Data Storage	500 GB (minimum 100,000 tests)
Network	Ethernet, Wireless
Interface	RS232C
Connectivity	Remote Factory Support Capability (internet connection required)

General Specifications

Power Requirements	100/240V, 50/60 VAC, 400VA
Water Specifications	DI Water Conductivity < 3.0 µS/cm; Bacterial content: <10 colony forming units/ml
Water System	No water feed needed
Maximum Water Consumption	1.2 L/h
Dimensions	79 x 60 x 50 cm
Weight	Approximately 55 kg
Language	English, Spanish, French, Portuguese, Chinese, Russian and Hungarian