



Atellica Portfolio

Technical Specifications



Healthcare systems are continually asked to do more: more testing volume, more staffing challenges, more administrative burden.

The Atellica Portfolio was designed with one goal in mind: less.

Less hands-on work. Less complexity. Less administrative burden. Less waste. Less frustration.

With the Atellica Portfolio of clinical chemistry, immunoassay, and integrated systems, we provide the best-fit solution for your diagnostic laboratory enterprise. Select from hundreds of configurations, including automation and informatics connectivity, and over 200 high-quality assays delivering standardized results, workflow, reagents, and consumables across your lab or network.

The Atellica Portfolio offers innovative compact automation for smaller labs and total lab automation for large labs. The Sample Handler is engineered for hands-off QC and calibration management and rules-based repeat and reflex testing. The easy-to-use interface simplifies workflow, training, and lab accreditation.

With human-centered engineering that automates routine tasks, you can free your staff from manual work so they can focus on human work. When your staff has less of what they don't need, they're free to do more of the tasks that truly bolster an organization: connecting patients with the care they need.

Atellica Portfolio

Our family of clinical laboratory analyzers, designed to support your specific needs.



Atellica CI Analyzer
Atellica Rack Handler



Atellica CI Analyzer
Atellica Sample Handler Prime
Atellica Decapper
Atellica Sealer



Connection to FlexLab X
Atellica CH 930 Analyzer
Atellica IM 1600 Analyzer
Atellica Sample Handler Prime
Atellica Sample Handler Connect



Atellica CH 930 Analyzer
Atellica IM 1600 Analyzer
Atellica Sample Handler Prime



Atellica CH 930 Analyzer
Atellica IM 1600 Analyzer
Atellica Sample Handler Prime
Atellica Decapper
Atellica Sealer



Atellica CH 930 Analyzer
Atellica IM 1600 Analyzer (2)
Atellica Sample Handler Prime



Atellica CH 930 Analyzer (2)
Atellica IM 1600 Analyzer (2)
Atellica Sample Handler Prime
Atellica Sample Handler Additional



Atellica CH 930 Analyzer (4)
Atellica IM 1600 Analyzer (3)
Atellica Sample Handler Prime
Atellica Sample Handler Additional

300+
configurations

► What is Atellica Integrated Automation?

Atellica Integrated Automation consolidates revolutionary sample management technology, intelligent software, and informatics to provide workflow efficiency and reduction of biohazard exposure by offering the flexibility to add Sample Handler, Decapper, and Sealer modules to an Atellica Solution or Atellica CI Analyzer.

Atellica CH 930 Analyzer

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The Atellica CH 930 Analyzer uses proven micro-volume technology for photometric testing and reliable integrated multisensory technology (IMT) for electrolyte testing. The analyzer features automatic quality control (QC) when connected to the Atellica Sample Handler, workflow enhancements to reduce operator intervention, and a broad and expanding menu across disease states.



Product Specifications

Description	Chemistry analyzer with photometric and turbidimetric testing capabilities and electrolyte analysis using Integrated Multisensor Technology (IMT)
Test Throughput	Up to 1800 tests/hour: 1200 tests/hour photometric, 600 tests/hour IMT
Walkaway Time	Up to 5 hours

Sample Handling

Validated Sample Types	Serum, plasma, CSF, urine, whole blood, buffered fecal matter (assay dependent)
Sample Integrity Control	Liquid-level sensing, clot detection, bubble detection, short-sample detection; hemolysis, icterus, and lipemia checks
Auto-repeat	Automatic repeat testing from the retained prediluted sample or original sample
Sample Dilution	For most photometric tests, samples diluted 1:5 (50 µL sample + 200 µL CH diluent generates up to 15 test results)
Auto-reflex Testing	Can perform additional tests based on results of first test or test combination
Sample Carryover Prevention	Washing protocols help minimize carryover
Predilution Tray	115 dilution cuvettes: five segments of 23 cuvettes
Sample Volume per Test	Photometric: 2.0 µL to 50.0 µL (assay dependent) IMT: 25 µL produces results for sodium (Na+), potassium (K+), and chloride (CL-)

Reaction Area

Reaction Cuvettes	221 reusable plastic cuvettes: 13 segments with 17 cuvettes each for reaction
Reaction Temperature	37°C ±0.3°C
Reaction Detection	Photometer: 11 fixed wavelengths (340, 410, 451, 478, 505, 545, 571, 596, 658, 694, 805 nm) Linearity: 0–3.0 AU, Resolution: 0.0001 AU
Light Source	12 V, 50 W halogen lamp supplemented by LED at 340 nm
Assay Result Calculations	Endpoint (EPA), rate reaction (RRA), 2-point rate (2PA), sample blank correction
Assay Times	3–10 minutes, assay dependent
Assay Technology	Integrated Multisensor Technology (IMT), photometric, turbidimetric

Reagent Handling	
Reagent Compartments	Two trays (70 positions each), refrigerated
Assays Onboard	Up to 70, 67 photometric and 3 IMT
Reagent Packs	50 mL dual-well reagent containers (2 x 25 mL each); 95–2100 tests per pack
Reagent Integrity Control	Reagent pack barcode identification; automatic tracking and notification of inventory, calibration and control validity, onboard stability, low and expired reagents, detection of reagent bubbles
Onboard Stability	6–90 days (assay dependent)
Reagent Inventory Management	Automatic tracking and notification of remaining tests, onboard stability and expiration, calibration, and storage conditions for each pack and well
Dispensing System	Two probes with liquid-level sensing
Barcode-labeled Packs	Yes
Reagent Volume per Test	10–100 µL per test, assay dependent
Open Channels	Available; configurable to assay specifications
Integrated Multisensor Technology (IMT) for Na ⁺ , K ⁺ , Cl ⁻	
Assay Time	18 seconds
Sample Volume	25 µL produces three results
Sample Dilution	Automatic 1:10
Calibration	Automatic calibration
Priming	Automatic priming cycle
A-LYTE Integrated Multisensor Technology Cartridge Use Life	Up to 5000 samples or 14 days
Calibration/QC	
Auto-calibration	Automatic assay-specific lot and pack calibration (when connected to Atellica Sample Handler)
Calibration Review	Graphical display of calibration curves from a minimum of 20 different reagent lots and 20 reagent packs for each assay
Calibration Interval	Up to 180 days, tracked by software, assay dependent
Auto-QC	Automatic, user-defined, assay-specific quality control (when connected to Atellica Sample Handler)
Quality Control Review	Advanced QC package with graphical display of QC in real time, including patient moving averages, Levey-Jennings plots, Westgard rules, RilibÅK rules; up to 65,000 control results can be stored; archivable to removable media
QC/Calibration Material	QC and calibration material is auto-loaded, tracked, and stored in a 60-position covered and refrigerated compartment and automatically deployed to analyzers when QC or calibration is scheduled (when connected to Atellica Sample Handler)
Maintenance	
Daily*	Manual <5 minutes; Automated: ≤17–45 minutes
Weekly	Manual: 5 minutes; Automated: 70 minutes
Monthly	Manual: 15 minutes
As Needed	Refer to Online Help for additional periodic maintenance
Maintenance Logs	Automated onboard scheduling, notification, and reporting

*Daily maintenance is not required on the same scheduled day the analyzer performs weekly maintenance.

General Specifications	
Power Requirements	Requires a 4.4 kVA (U.S.)/3.7 kVA (EU) power source; single-phase, 2-pole, 3-wire configuration; with Class III grounding. Will support incoming AC voltage from a nominal line voltage range of 200 to 240 VAC, 50/60 Hz. Main supply voltage fluctuations are not to exceed ± 10 percent of the nominal voltage.
Power Consumption	1.9 kilowatts/hour (maximum)
Water Input Requirements	Incoming pressure of 5–30 psi at a temperature of 10–30°C
Water Quality Requirements	Special reagent-grade water Resistivity: ≥ 10 M Ω -cm Bacteria: ≤ 50 CFU/mL Total organic carbon (TOC): ≤ 500 ppb A 0.22 micron filter is required at the output stage of the laboratory water purification system, and before the input to the water supply for each analyzer
Maximum Water Consumption	33 liters (8.7 gallons) per hour
Drain Requirements	Minimum of 40 liters (10.6 gallons) per hour per analyzer
Dimensions	1364 (h) x 1491 (w) x 1156 (d) mm; 53.7 (h) x 58.7 (w) x 45.5 (d) inches Recommend a 610 mm/2 foot service envelope around system
Weight	470 kg (1036 lb)
Compliance	Complies with international environmental, health, safety, and sustainability standards, including CE and RoHS.
Noise Emission	Average sound pressure level: 50 dBA
Processing Heat Output	5210 BTU/hour
Ambient Operating Temperature	18–30°C (64–86°F)
Ambient Operating Humidity	20–80% noncondensing
Operating Altitude	0–4000 m (13,122 feet)
Floor Load Bearing Requirement	274 kg/m ²
Overvoltage Classification	Category II
Pollution Classification	Degree 2
Removable Media	USB

Atellica IM 1300 and 1600 Analyzers

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The Atellica IM Analyzers are engineered for high productivity in a small footprint. Powered by proven acridinium ester (AE) technology, these immunoassay analyzers feature built-in temperature control for precision, hands-off quality control (QC) when connected to the Atellica Sample Handler, workflow efficiency to reduce operator intervention, and a broad and expanding menu across disease states.



Product Specifications

Description	Immunoassay analyzer with chemiluminescence testing methodology using advanced acridinium ester technology
Test Throughput	Atellica IM 1300 Analyzer: up to 220 tests per hour Atellica IM 1600 Analyzer: up to 440 tests per hour
Walkaway Time	Atellica IM 1300 Analyzer: up to 7.5 hours; Atellica IM 1600 Analyzer: up to 5 hours

Sample Handling

Validated Sample Types	Serum, plasma, amniotic fluid, urine, whole blood (assay dependent)
Sample Integrity Control	Liquid-level sensing, clot detection, bubble detection, short-sample detection. Hemolysis, icterus, and lipemia checks applied when connected to the Atellica CH 930 Analyzer
Auto-repeat	Automatic repeat testing from the original sample
Sample Dilution	Assay dependent; can be auto diluted and repeated when results exceed linearity
Auto-reflex Testing	Can perform additional tests based on results of first test or test combination
Sample Carryover Prevention	Disposable sample tips eliminate sample carryover
Sample Volume per Test	10 to 100 µL of sample (assay dependent)

Reaction Area

Reaction Cuvettes	Total of 160 cuvette positions: 89 positions in the outer ring and 71 in the inner ring
Reaction Temperature	37°C ±0.3°C
Reaction Detection	Photomultiplier tube (PMT)
Assay Reaction Formats	Sandwich, competitive, and antibody-capture formats
Assay Times	10–54 minutes, assay dependent
Assay Technology	Chemiluminescence testing methodology using advanced acridinium ester technology

Reagent Handling

Reagent Compartments	42 primary and 35 ancillary reagent positions with refrigeration in a single refrigerated tray at 4–8°C and humidity control. Continuous and automatic mixing to maintain particle suspension
Assays Onboard	Up to 42
Reagent Packs	ReadyPack cartridge: 50 to 200 tests per pack
Reagent Integrity Control	Reagent pack barcode identification; automatic tracking and notification of inventory, calibration and control validity, onboard stability, low and expired reagents, detection of reagent bubbles
Onboard Stability	4–90 days, assay dependent
Reagent Inventory Management	Automatic tracking and notification of remaining tests, onboard stability and expiration, calibration, and storage conditions for each pack
Dispensing System	Three probes with liquid-level sensing
Barcode-labeled Packs	Yes

Calibration/QC	
Calibration Review	Graphical display of calibration curves from a minimum of 20 different reagent lots and 20 reagent packs for each assay
Calibration Interval	Up to 90 days, tracked by software, assay dependent
Auto-QC	Automatic, user-defined, assay-specific quality control (when connected to Atellica Sample Handler)
Quality Control Review	Advanced QC package with graphical display of QC in real time, including patient moving averages, Levey-Jennings plots, Westgard rules, RiliBÄK rules; up to 65,000 control results can be stored; archivable to removable media
QC Material	QC material is auto-loaded, tracked, and stored in a 60-position covered and refrigerated compartment and automatically deployed to analyzers when QC is scheduled (when connected to Atellica Sample Handler)
Maintenance	
Daily*	Manual: None, Automated: ≤33 minutes
Weekly	Manual: 10–15 minutes, Automated: ≤42 minutes
Monthly	Manual: 10–15 minutes
As Needed	Refer to Online Help for additional periodic maintenance
Maintenance Logs	Automated onboard scheduling, notification, and reporting
General Specifications	
Power Requirements	Requires a 4.4 kVA (U.S.)/3.7 kVA (EU) power source; single-phase, 2-pole, 3-wire configuration; with Class III grounding. Will support incoming AC voltage from a nominal line voltage range of 200 to 240 VAC, 50/60 Hz. Main supply voltage fluctuations are not to exceed ±10 percent of the nominal voltage.
Power Consumption	2.9 kilowatts/hour (maximum)
Water Input Requirements	Incoming pressure of 5–30 psi at a temperature of 10–30°C
Water Quality Requirements	Special reagent-grade water Resistivity: ≥10 MΩ-cm Bacteria: ≤50 CFU/mL Total organic carbon (TOC): ≤500 ppb A 0.22 micron filter is required at the output stage of the laboratory water purification system before the input to the water supply for each analyzer
Maximum Water Consumption	Atellica IM 1300 Analyzer: 3.5 liters/hour Atellica IM 1600 Analyzer: 6 liters/hour
Drain Requirements	Minimum of 15 liters (3.96 gallons) per hour per analyzer
Dimensions	1500 (h) x 1453 (w) x 1167 (d) mm; 59.1 (h) x 57.2 (w) x 45.9 (d) inches Recommend a 610 mm/2 foot service envelope around system
Weight	594.7 kg (1308 lb)
Compliance	Complies with international environmental, health, safety, and sustainability standards, including CE and RoHS.
Noise Emission	Average sound pressure level: 65 dBA
Processing Heat Output	4507 BTU/hour
Ambient Operating Temperature	18–30°C (64–86°F)
Ambient Operating Humidity	20–80% noncondensing
Operating Altitude	0–2000 m (6561 feet)
Floor Load Bearing Requirement	351 kg/m ²
Overvoltage Classification	Category II
Pollution Classification	Degree 2
Removable Media	USB

*Daily maintenance is not required on the same scheduled day the analyzer performs weekly maintenance.

Atellica Sample Handler

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The Atellica Sample Handler is engineered for productivity. Load patient samples, calibrators, and quality control (QC) and the system does the rest. Patented Atellica Magline Transport and smart routing provide consistent turnaround times, with STAT samples aspirated within 60 seconds. Sample workflow is simplified with automatic repeat, reflex, add-on testing, and rules-based sorting. Improve workflow efficiency and reduce biohazard exposure with Atellica Integrated Automation by offering the flexibility to add Decapper and Sealer modules.



Sample Handling Options

Atellica Sample Handler Prime (SHP)

An SHP is required for every Atellica Solution. It manages samples, stores QC and chemistry calibrators, and provides connectivity to the system's Atellica Magline Transport.

Atellica Sample Handler Connect (SHC)

Provides the interface between lab automation and the SHP of the Atellica Solution.

Atellica Sample Handler Additional (SHA)

Doubles the sample and refrigerated storage capacity of the SHP for an Atellica Solution when not connected to laboratory automation.

Product Specifications

Description	Sample-handling component for input/output of routine samples, STAT samples, calibrators, and QC; connects to Atellica CH, IM, and CI Analyzers with Atellica Magline Transport
Atellica Solution Configurations	One Atellica SHP per configuration, supporting up to seven analyzers; connects to FlexLab HT via Atellica SHC
Atellica CI Analyzer Configurations	Atellica SHP connects to a single Atellica CI Analyzer, providing sample management for up to 440 samples, refrigerated calibration/QC storage, and optional decapper and sealer
Field-upgradable	Yes, an optional Atellica SHA can be added to configurations without an Atellica SHC

Sample Handling

Sample Throughput	Up to 500 tubes per hour
Sample Capacity	Up to 440 samples using 15-position racks and/or 55-position racks
Primary Tube Sampling	Yes, either direct or via an adapter for supported tube types
Supported Tube Types	Most common sample container types, including sample tubes, tube-top sample cups, and microtainers (list of validated containers available upon request)
Sorting and Archiving	User-defined sorting and archiving rules
Identification of Unsupported Tubes	If unsupported tubes are identified, the operator is alerted to remove them, and the sample will not be processed.

STAT Management

Loading	15-position STAT racks loaded in any drawer position
Prioritization	STAT racks are recognized upon closing the drawer. STAT sample aspiration within 60 seconds of load*

Calibration/QC Storage

Calibration/QC Capacity	60 individually covered positions
Calibration/QC Temperature	Refrigerated at 2–8°C in a covered, enclosed environment
Calibration/QC Material Management	QC and chemistry calibration material is auto-loaded, tracked, and stored in a 60-position covered and refrigerated compartment and automatically deployed to analyzers when QC or calibration is scheduled

*First STAT loaded will aspirate within 60 seconds. If multiple STATs are loaded simultaneously, subsequent aspiration times may vary.

Atellica Magline Transport	
Individual Sample Management	Yes, patented bidirectional magnetic sample transport technology
Sampling	Direct tube aspiration
Turns	90-degree turns: up to two per configuration
Technology	Electromagnetic
Sample Tracking	Continuous chain of custody, sample tracking from check-in to result
User Interface/Data Management	
Monitor	22-inch touchscreen monitor
Operating System	Microsoft Windows Embedded Standard
System Documentation	Operator's Guide, Quick Guide, and Online Help
Data Storage	Up to 1 million results: 500,000 active and 500,000 historical; can archive to removable media
Host Interface	TCP/IP bidirectional—Ethernet
Host Query	TCP/IP—ASTM, IHE LAW-certified HL7 interface; system requests work order or batch of work orders
Remote Access and Service	Smart Remote Services via 1000BASE-T Ethernet port
Maintenance	
Daily	Manual: None Automated: <5 minutes
Weekly	None
Monthly	Manual: <5 minutes
As Needed	Refer to Online Help for additional periodic maintenance
Daily Atellica Magline Transport Autocheck	Automated: 10 minutes
Database Maintenance	Automatically runs in background
Maintenance Logs	Schedule and monitor routine maintenance activities
General Specifications	
Power Requirements	Requires a 4.4 kVA (U.S.)/3.7 kVA (EU) power source; single-phase, 2-pole, 3-wire configuration; with Class III grounding. Will support incoming AC voltage from a nominal line voltage range of 200 to 240 VAC, 50/60 Hz. Main supply voltage fluctuations are not to exceed ± 10 percent of the nominal voltage.
Power Consumption	1.9 kilowatts/hour (maximum)
Water Requirements	None
Dimensions	Without monitor and with Atellica Magline loop: 1465 (h) x 1222 [†] (w) x 1431 (d) mm 57.7 (h) x 48.1 [†] (w) x 56.4 (d) inches Recommend a 610 mm/2 foot service envelope around system
Weight	With Atellica Magline loop: 464.5 kg (1035 lb)
Compliance	Complies with international environmental, health, safety, and sustainability standards including CE and RoHS
Noise Emission	Average sound pressure level: 53 dBA
Processing Heat Output	2180 BTU/hour
Ambient Operating Temperature	18–30°C (64–86°F)
Ambient Operating Humidity	20–80% noncondensing
Operating Altitude	0–4000 m (13,122 feet)
Floor Load Bearing Requirement	With Atellica Magline loop: 266 kg/m
Overvoltage Classification	Category II
Pollution Classification	NA
Removable Media	USB
Compressed Air	None

[†]Width measurement without Atellica Magline loop is 980 mm (38.6 inches).

Atellica Decapper

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Enhance productivity and reduce operator risk with Atellica Integrated Automation by offering the flexibility to seamlessly integrate decapping into the workflow—with minimal to no additional footprint.



Product Specifications

Description	Integrates decapping into the analytical workflow, designed for most tubes validated on the Atellica Solution
Tube Throughput	Between Atellica Sample Handler and first analyzer: up to 300 tubes per hour Between analyzers or at end: up to 500 tubes per hour
Walkaway Time	2000-cap waste capacity

Sample Handling

Validated Tube Types	Tube types validated on the Atellica Sample Handler, excluding glass tubes, rubber stoppers, tube-top sample cups and capillary tubes, caps <14 mm or >18 mm, caps with more than 1.5 threads, tubes with certain cap colors.
Sample Carryover Prevention	Sample carrier spacing/drip tray

Maintenance

Daily	Manual: None Automated: <5 minutes
Weekly	None
Monthly	Manual: <15 minutes
As Needed	Refer to Online Help for additional periodic maintenance
Onboard Maintenance Logs	Schedule and monitor routine maintenance activities via software

General Specifications

Power Requirements	Requires a 0.24kVA (US)/0.28kVA (EU) power source; single-phase, 2-pole, 3-wire configuration; with Class III grounding. Will support incoming AC voltage from a nominal line voltage range of 200 to 240 VAC, 50/60 Hz. Main supply voltage fluctuations are not to exceed ±10 percent of the nominal voltage.
Power Consumption	0.3 kilowatts/hour (maximum)

General Specifications continued

Water Requirements	None
Dimensions	1223 (h) x 250 (w) x 1109 (d) mm; 48 (h) x 10 (w) x 44 (d) inches
Space requirements (in addition to Atellica Solution configuration)	Between Atellica Sample Handler and first analyzer: none Additional decappers: 254 mm (10 inches) width Recommend a 610 mm/2 foot service envelope around system
Weight	79 kg (175 lb)
Compliance	Complies with international environmental, health, safety, and sustainability standards, including CE and RoHS.
Noise Emission	Average sound pressure level: 65 dBA (1 m away from Atellica Decapper)
Processing Heat Output	≤983 BTU/hour
Ambient Operating Temperature	18–30°C (64–86°F)
Ambient Operating Humidity	20–80%, noncondensing
Operating Altitude	0–2000 m (6562 feet)
Floor Load-bearing Requirement	284 kg/m ²
Overvoltage Classification	Category II
Pollution Classification	Degree 2
Removable Media	None
Air Compressor Requirements* or Laboratory Air Supply	Operating Pressure: 0.6–0.7 MPa (87–101 PSI) Air Flow: 1.76 NL/min (0.062 CFM) Compressed air dryer, drain for condensation run-off, Air Purity Class 1 (ISO 8573-1:2010)

*Air compressor not included with decapper.

Atellica Sealer

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Supercharge your productivity with Atellica Integrated Automation by offering the flexibility to seal and archive patient samples with minimal additional footprint. When paired with the Atellica Decapper, this closed-tube solution virtually eliminates biohazard exposure risk.



Product Specifications

Description	Integrates sealing into the post-analytical workflow of the Atellica Solution, designed to seal most tubes validated on the Atellica Solution.
Tube Throughput	Up to 480 tubes an hour
Walkaway Time	20,000 seals

Sample Handling

Validated Tube Types	Tube types validated on Atellica Sample Handler, excluding glass tubes, tube-top sample cups and capillary tubes, tubes with non-flat rim, false-bottom tubes, and calibration/QC material
Sample Carryover Prevention	Tubes are individually sealed; sample carrier spacing prevents carryover

Maintenance Time

Daily	Manual: None Automated: <10 minutes
Weekly	None
Monthly	Manual: <10 minutes
As Needed	Refer to Online Help for additional periodic maintenance
Onboard Maintenance Logs	Schedule and monitor routine maintenance activities via software

General Specifications

Power Requirements	Power provided by Sample Handler Prime 200–240 VAC @ 50/60Hz 1A
Power Consumption	0.216 kwh
Water Requirements	None
Dimensions	1307 (h) x 392 (w) x 1432 (d) mm; 51.2 (h) x 15.4 (w) x 56.4 (d) inches
Weight	134.3 kg (296.1 lb)
Compliance	Complies with international environmental, health, safety, and sustainability standards, including CE and RoHS.
Noise Emission	Compliant with NC-43 Noise Control specification; average sound pressure <60 dBA 1 m away from Atellica Sealer
Processing Heat Output	<900 BTU/hr
Ambient Operating Temperature	18–30°C (64–86°F)
Ambient Operating Humidity	20–80%, noncondensing
Operating Altitude	0–2000 m (6562 feet)
Floor Load-bearing Requirement	217 kg/m ²
Overvoltage Classification	Category II
Pollution Classification	Degree 2
Removable Media	None
Air Compressor Requirements or Laboratory Air Supply	None

Atellica Solution

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Seamlessly integrating immunoassay and clinical chemistry analyzers with next-level sample management, automation, and AI-powered workflow—Atellica Solution is where intelligence and innovation merge so you can focus on driving better outcomes.

Over 300 configurations are available to provide a tailored solution for each laboratory.



Atellica Solution with Sample Handler Configuration Possibilities

Modules	Number of Possible Module Connections Up to 7 Analyzers per System, Maximum of 10 connections*
Atellica Sample Handler Prime (SHP)	1 per system
Atellica Sample Handler Connect (SHC)	1 for connection to Aptio Automation and FlexLab X
Atellica Sample Handler Additional (SHA)	1 optional when not connected to automation
Atellica CH 930 Analyzer (c)	up to 6
Atellica IM 1300 Analyzer (i) Atellica IM 1600 Analyzer (l)	up to 4
Atellica Integrated Automation Decapper (D)	up to 3: one between SHP and first analyzer, one or two between analyzers or at the end
Atellica Integrated Automation Sealer (S)	1 installed left of SHP†
Right Turn (RT)*	up to 2
Left Turn (LT)*	up to 2

*Turns do not count in the 10 connections, maximum two turns per system

†Sealer not available in configurations with SHC or SHA

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably. As a leader in medical technology, we want to advance a world in which breakthroughs in healthcare create new possibilities with a minimal impact on our planet. By consistently bringing innovations to the market, we enable healthcare professionals to innovate personalized care, achieve operational excellence, and transform the system of care.

Our portfolio, spanning in vitro and in vivo diagnostics to image-guided therapy and cancer care, is crucial for clinical decision-making and treatment pathways. With the unique combination of our strengths in patient twinning,* precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the greatest challenges in healthcare. We will continue to build on these strengths to help overcome the world's most threatening diseases, enable efficient operations, and expand access to care.

We are a team of more than 72,000 Healthineers in over 70 countries passionately pushing the boundaries of what is possible in healthcare to help improve the lives of people around the world.

**Personalization of diagnosis, therapy selection and monitoring, aftercare, and managing health.*

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