



SUMMARY

PRODUCTS

ANALYZERS

4

CLASSIC SERIES

12

PRO SERIES

22

SOFTWARES

32

CONSUMABLES

42

NEAT

48

SERVICES

OEM

52

ASSISTANCE

54

ABOUT US

56

CONTACTS



MEET OUR ANALYZERS

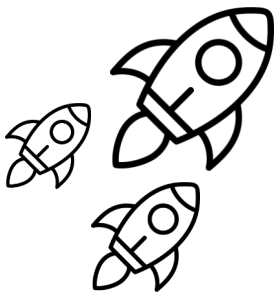
Edif offers a comprehensive range of products designed to meet the diverse needs of our customers. Each analyzer in the Edif line is crafted to deliver reliable, high-quality results, ensuring that our customers receive the perfect balance of innovation, efficiency, and style to meet their laboratory needs.

This is our fleet of analyzers: a range of instruments where you will find a valid solution for every situation.

Our approach is built around the instrument. It all starts when you choose your analyzer.

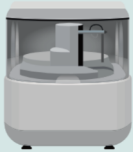
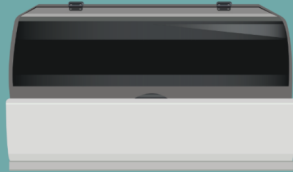
After selecting the analyzer that fits your requirements, you will discover the complete ecosystem designed for it. We provide the dedicated accessories, software, and services to create a 360-degree experience, built entirely around the user.

Let's start exploring the Edif analyzers.

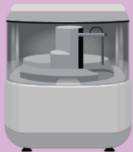
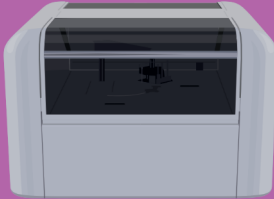


EDIF INSTRUMENTS FLEET

CLASSIC SERIES:

 CORE 145 Tests/hour	 ALCOR 175 Tests/hour	 SPHERA 200 Tests/hour	 DUO 300 Tests/hour
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PRO SERIES:

 CORE (PRO) 175 Tests/hour	 ORION 240 240 Tests/hour	 PULSAR 250 250 Tests/hour	 ORION 320 320 Tests/hour
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CLASSIC SERIES

PRO SERIES



CORE

145
Tests/hour



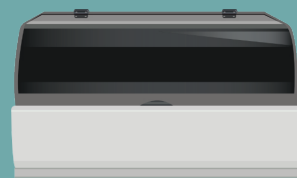
ALCOR

175
Tests/hour



SPHERA

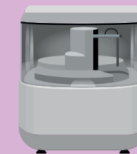
200
Tests/hour



DUO

300
Tests/hour

Our **CLASSIC Series** is the trusted foundation of labs worldwide, proven by thousands of installed instruments. Built on established hardware, its enduring strength is its unmatched reliability, robustness and consistent performance. Designed for ease of use, it delivers the accurate, reproducible results essential for core daily workflows, remaining the ideal solution for labs seeking robust, dependable instrumentation.



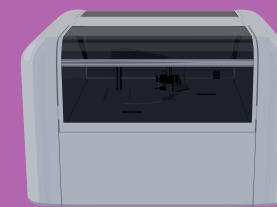
CORE

175
Tests/hour



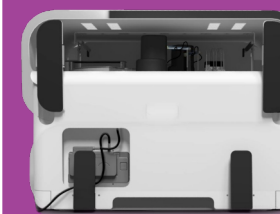
ORION 240

240
Tests/hour



PULSAR 250

250
Tests/hour



ORION 320

320
Tests/hour

The **PRO Series** is the apex of our innovation and our newer, more performant line, engineered for high-throughput environments and complex diagnostic challenges. While this advanced platform is now building its installed base, it offers a significant leap in technology, reduced consumptions, featuring enhanced automation, and our most sophisticated analytics. It is the forward-looking choice for labs aiming to optimize workflows and integrate cutting-edge diagnostics.



THERE IS A SOLUTION FOR EVERY NEED.

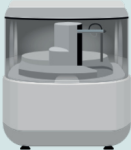
This is your direct, side-by-side overview of the entire Edif fleet. We have structured this grid for simple, effective comparison. On the left, you will find our robust CLASSIC Series analyzers. On the right, you will see our advanced PRO Series.

CLASSIC

Analyzer	CORE	ALCOR	SPHERA	DUO
Throughput	145 Tests/hr	175 Tests/hr	200 Tests/hr	300 Tests/hr
ISE Module Details	N/A	N/A	N/A	N/A
Water Consumption	435 mL/h ±10%	675 mL/h ±10%	900 mL/h ±10%	1350 mL/h ±10%
Reagents positions	10 or 20 Total	30 Total	30 Total	60 Total
Refrigerated Reagent Bay	Yes	Yes	Yes	Yes
Sample Positions	10 or 20	60	60	60
Sampling Arms	1	1	1	2
Reading Cuvettes	96 single use	80 reusable	80 reusable	80 reusable
Reaction Volume	300- 700 µl	210- 350 µl	210- 350 µl	210- 350 µl
Sample Volume	2- 300 µl	2- 300 µl	2- 300 µl	2 - 300 µl
Clot Sensor	N/A	N/A	N/A	Optional
Bar Code Reader(s)	Optional	Optional	Optional	Standard
Dimensions (W x D x H) cm	38 x 60 x 40	60 x 62 x 40	60 x 62 x 49	85 x 62 x 49
Weight	20 Kg (44 lb)	32 Kg (70 lb)	38 Kg (84lb)	55 Kg (121 lb)

PRO

Analyzer	CORE (PRO)	ORION 240	PULSAR 250	ORION 320
Throughput	175 Tests/hr	240 Tests/hr	250 Tests/hr	320 Tests/hr
ISE Module Details	N/A	N/A	Optional	Standard
Water Consumption	435 mL/h ±10%	950 mL/hour ±10%	1000 mL/hour ±10%	1350 mL/h ±10%
Reagents positions	10 or 20 Total	36 + 36	36 + 36	36 + 36
Refrigerated Reagent Bay	Yes	Yes	Yes	Yes
Sample Positions	10 or 20	36 + 36	36 + 36	36 + 36
Sampling Arms	1	1	1	2
Reading Cuvettes	120 single use	80 reusable	80 reusable	80 reusable
Reaction Volume	100 - 510 µl	100 - 510 µl	100 - 510 µl	100 - 510 µl
Sample Volume	1 - 255 µL	1 - 255 µL	1- 255 µL	1- 255 µL
Clot Sensor	N/A	Optional	Standard	Optional
Bar Code Reader(s)	Optional	-Standard	Standard	Standard
Dimensions (W x D x H) cm	40 x 38 x 60	55 × 62 x 54	63 × 77 x 54	85 × 62 x 54
Weight	20 Kg (42 lb)	42 kg (92 lb)	47 kg (103 lb)	60 Kg (132 lb)



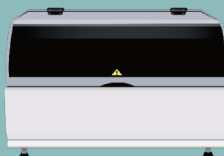
CORE

145
Tests/hour



ALCOR

175
Tests/hour



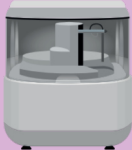
SPHERA

200
Tests/hour



DUO

300
Tests/hour



CORE (PRO)

175
Tests/hour



ORION 240

240
Tests/hour



PULSAR 250

250
Tests/hour



ORION 320

320
Tests/hour

ANALYZERS AND CONTAINERS COMPATIBILITY

Our open-architecture systems give you the freedom to use reagents from many suppliers. To make this practical, our platforms are engineered to physically accommodate the wide variety of reagent bottle shapes and sizes different manufacturers use. This true flexibility optimizes your workflow and boosts efficiency.

Our analyzers are engineered to deliver flexibility, scalability, and precision across a wide range of laboratory environments. Each system supports specific tube dimensions, ensuring optimal workflow management and efficient sample processing in accordance with the laboratory's throughput requirements.

75 mm



75 mm height for bottles and tubes: supported by CORE and ALCOR analyzers ideal for laboratories handling medium to lower testing volumes.



CORE
145
Tests/hour



ALCOR
175
Tests/hour



100 mm



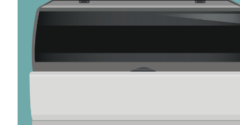
100 mm height for bottles and tubes: compatible with ORION320, SPHERA, DUO, and PULSAR designed for higher throughput applications and demanding daily workloads.



SPHERA
200
Tests/hour



PULSAR 250
250
Tests/hour



DUO
300
Tests/hour

Tube size classifications are independent from the Classic Series and Pro Series designations. They solely indicate the physical compatibility of each analyzer with specific tube formats.

AVAILABLE SOON

85 mm



85 mm height for bottles and tubes: introduced with the upcoming CORE Pro, ORION 240 and ORION 320 analyzers as part of the platform offering advanced efficiency and enhanced operational capacity.



CORE (PRO)
175
Tests/hour



ORION 240
240
Tests/hour



ORION 320
320
Tests/hour

WITH EDIF, THERE IS A SOLUTION FOR EVERY NEED.

Edif

CLASSIC SERIES

Introducing our CLASSIC Series: the foundation of our reputation and your proven path to laboratory growth.

With thousands of instruments installed worldwide, this series features our most reliable, best-selling analyzers, each designed to be a dependable workhorse that can scale with your demands.

It provides a complete upgrade journey: from the compact Core (145 tests/hr) for simple automation; to the efficient Alcor (175 tests/hr), which introduces washable cuvettes to reduce costs; up to the flexible, high-capacity Sphera (200 tests/hr) for managing daily workflows; and culminating in the DUO (300 tests/hr), which uses a dual-arm system to deliver maximum throughput. Each model combines robust performance with elegant, reliable Italian design.



CORE - WHERE FULL AUTOMATION STARTS

Our most compact and affordable analyzer. It uses disposable cuvettes for maximum simplicity and zero wash station maintenance, delivering up to 145 tests/hour.



CORE

ALCOR - LESS IS MORE.

The first step in efficiency: introduces washable cuvettes and a wash station to reduce consumable costs and waste, processing up to 175 tests/hour.



ALCOR

SPHERA - RANDOM ACCESS EFFICIENCY.

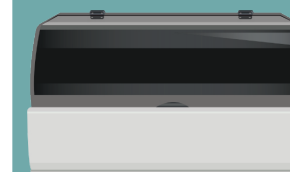
The flexible solution for mid-sized labs. It combines up to 200 tests/hour with a high-capacity 60-position sample tray for true "load and go" efficiency.



SPHERA

DUO - FASTER, STRONGER, BETTER.

Built for pure productivity. Thanks to its dual-arm system and 60 reagent positions, the DUO handles high-volume workloads, processing up to 300 tests/hour.



DUO



CORE

WHERE FULL AUTOMATION STARTS.

The Core is the ideal entry point for laboratories seeking to transition from semi-automated to fully automated systems. As our most compact and affordable analyzer, it is engineered to deliver reliable results (up to 145 tests/hour) with minimal effort.

Its primary advantage lies in its simplicity: the Core utilizes 96-position segments of disposable optical cuvettes. This design eliminates the need for an onboard wash station, drastically reducing water consumption and daily maintenance tasks. It is the simplest, most direct path to automated, reliable results for labs with smaller workloads.



REF: ES00004-A

UDI-ID: 80536089401026

Up to 145 tests/hour

SPECIFICATIONS

REF: ES00004-A

UDI-ID: 80536089401026

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, DOA

Throughput: Up to 145 tests per hour

Photometric linearity: 0 to 3.0 O.D.

ISE module details: N/A

Water consumption: < 435 mL/h $\pm 10\%$

Number of reagents: 20 total

Refrigerated reagent bay: Yes
(approximately 12°C below ambient)

Sample tray positions: 10 or 20 for tubes
(75 mm height) or cups (1 or 3 μL)



Sampling arms: 1

Reading cuvettes: 96 disposable (4 optical plastic segments of 24 cuvettes)

Reaction volume: 300 – 700 μL

Sample volume: 2–300 μL

Clot sensor: N/A

Bar code reader(s): External optional (for reagents and samples)

Computer: External PC required

Dimensions (W x D x H): 38 x 60 x 40 cm

Weight: 20 kg (44.1 lb)



DATASHEET





ALCOR

LESS IS MORE.

The Alcor is the smart upgrade for growing labs, embodying the "less is more" philosophy. It introduces a robust, 8-step wash station to manage its 80 semi-disposable, washable cuvettes. This key feature means less daily consumable waste and less long-term operational cost compared to disposable systems.

With more throughput (up to 175 tests/hour) and more onboard capacity (30 reagents and over 30 samples), the Alcor strikes the perfect balance of enhanced performance and sustainable, cost-effective operation.



REF: ES00002-B

UDI-ID: 80536089401194

Up to 175 tests/hour



SPECIFICATIONS

REF: ES00002-B

UDI-ID: 80536089401194

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, DOA

Throughput: Up to 175 tests per hour

Photometric linearity: 0 to 3.0 O.D.

ISE module details: N/A

Water consumption: < 675 mL/h $\pm 10\%$

Number of reagents: 30 total

Refrigerated reagent bay: Yes
(approximately 12°C below ambient)

Sample tray positions: 60 for tubes
(75 mm height) or cups (1 or 3 μL)



Sampling arms: 1

Reading cuvettes: 80
(long-life reusable optical plastic)

Reaction volume: 210 - 350 μL

Sample volume: 2–300 μL

Clot sensor: N/A

Barcode reader(s): External optional
(for reagents and samples)

Computer: External PC required

Dimensions (W × D × H): 67 × 60 × 40 cm

Weight: 32 kg (70.5 lb)



DATASHEET





SPHERA

RANDOM ACCESS EFFICIENCY.

The Sphera is the reliable, high-capacity solution in the CLASSIC series, engineered to deliver true random access efficiency for medium-sized laboratories. Its defining advantage is the high-capacity 60-position standard sample tray, which allows for a continuous "load and go" workflow. This flexibility is essential for managing both daily routines and urgent STAT samples without interruption.

Achieving a robust throughput of up to 200 tests/hour and utilizing 80 durable, washable cuvettes, Sphera provides the high capacity and adaptability required for a demanding, uninterrupted workflow.



REF: ES00001-B

UDI-ID: 80536089400722

Up to 200 tests/hour

SPECIFICATIONS

REF: ES00001-B

UDI-ID: 80536089400722

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, DOA

Throughput: Up to 200 tests per hour

Photometric linearity: 0 to 3.0 O.D.

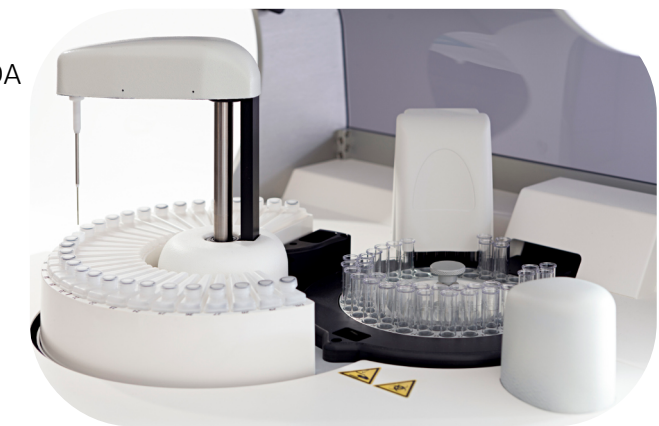
ISE module details: N/A

Water consumption: < 900 mL/h $\pm$ 10%

Number of reagents: 30 total

Refrigerated reagent bay: Yes
(approximately 12°C below ambient)

Sample tray positions: 60 for tubes
(75 mm height) or cups (1 or 3 μ L)



Sampling arms: 1 with 1D shock sensor

Reading cuvettes: 80
(long-life reusable optical plastic)

Reaction volume: 210 – 350 μ L

Sample volume: 2–300 μ L

Clot sensor: N/A

Barcode reader(s): Optional for samples-
External for reagents

Computer: External PC required

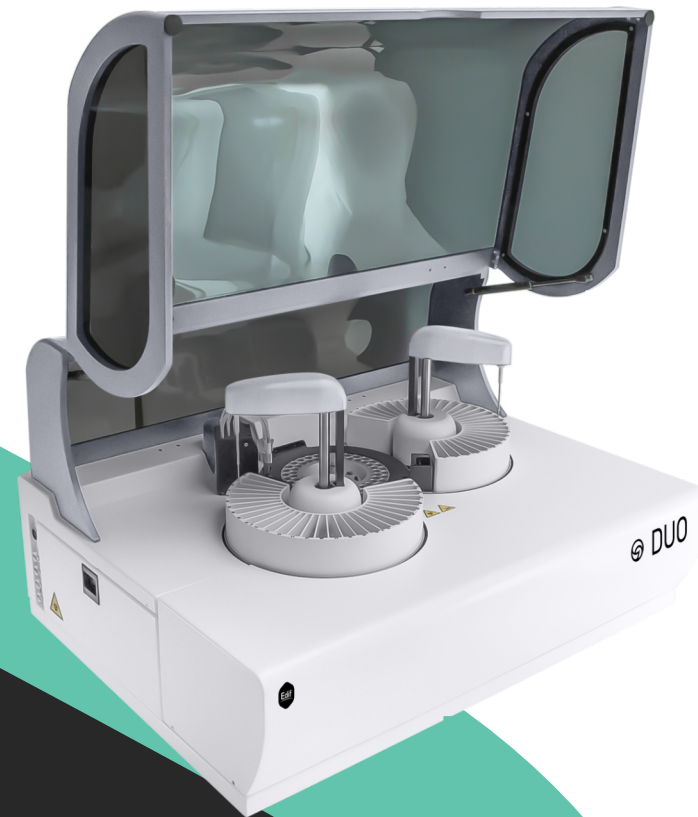
Dimensions (W x D x H): 62 x 60 x 49 cm

Weight: 38 Kg (83.8 lb)



DATASHEET





DUO

FASTER, STRONGER, BETTER.

When maximum throughput is the primary goal, the DUO delivers. It is faster, processing up to 300 tests per hour. It is stronger, built with two independent sampling arms that work in parallel to optimize and double productivity.

This powerful dual-arm system, combined with the largest reagent capacity in the CLASSIC series (60 positions) and a 60-position sample tray, makes it the better solution for large laboratories that need to maximize testing output and minimize operator intervention during peak demand.



REF: ES00003-A

UDI-ID: 80536089400968

Up to 300 tests/hour

SPECIFICATIONS

REF: ES00003-A

UDI-ID: 80536089400968

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, DOA

Throughput: Up to 300 tests per hour

Photometric linearity: 0 to 3.0 O.D.

ISE module details: N/A

Water consumption: < 1350 mL/h $\pm$ 10%

Number of reagents: 60 total

Refrigerated reagent bay: Yes
(approximately 12°C below ambient)

Sample tray positions: 60 positions for tubes
(100 mm height) or cups



Sampling arms: 2 with 1D shock sensor

Reading cuvettes: 80 (long-life reusable optical plastic)

Reaction volume: 210 – 350 μ L

Sample volume: 2- 300 μ L

Clot sensor: Optional

Bar code reader(s): Standard (Samples)

Computer: External PC required

Dimensions (W x D x H): 85 x 62 x 49 cm

Weight: 55 kg (121.25 lb)



DATASHEET



The Edif logo is a teal-colored hexagon with rounded corners. Inside the hexagon, the word "Edif" is written in a white, sans-serif font. A thin white horizontal line is positioned below the letters "i" and "f".

Edif

PRO SERIES

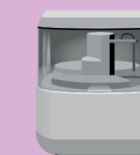
Our PRO Series is engineered for laboratories demanding the highest level of performance, automation, and efficiency. This new platform combines advanced precision with intelligent resource management to optimize the most demanding workflows.

They are P R O because they integrate our most advanced technologies: high-precision pipetting (down to 1 μ L minimum sample volume), full automation with integrated 1D/2D barcode readers, and low consumption.

This series scales to every need: from the Core PRO offering PRO efficiency in a compact design, to the flexible Pulsar 250 and the cost-efficient Orion 240, up to the Orion 320, which combines dual-arm power and parallel ISE processing for ultimate, integrated throughput.

CORE (PRO) - PRO EFFICIENCY. COMPACT DESIGN.

PRO series efficiency in a compact and robust format. Upgraded with high-efficiency single use cuvettes and a reduced reaction volume to lower your cost-per-test.



CORE (PRO)

ORION 240 - PERFORMANCE REDefined.

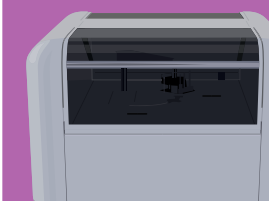
The savings expert. Engineered with an ultra-low 100 μ L reaction volume to dramatically reduce reagent consumption, delivering up to 240 tests/hour in a small size at an affordable cost.



ORION 240

PULSAR 250 - THE ADMIRAL.

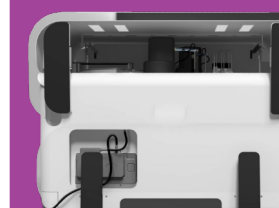
Designed for control and flexibility with no compromises on quality. It offers up to 250 tests/hour, standard barcode readers for advanced test management, and an optional ISE module.



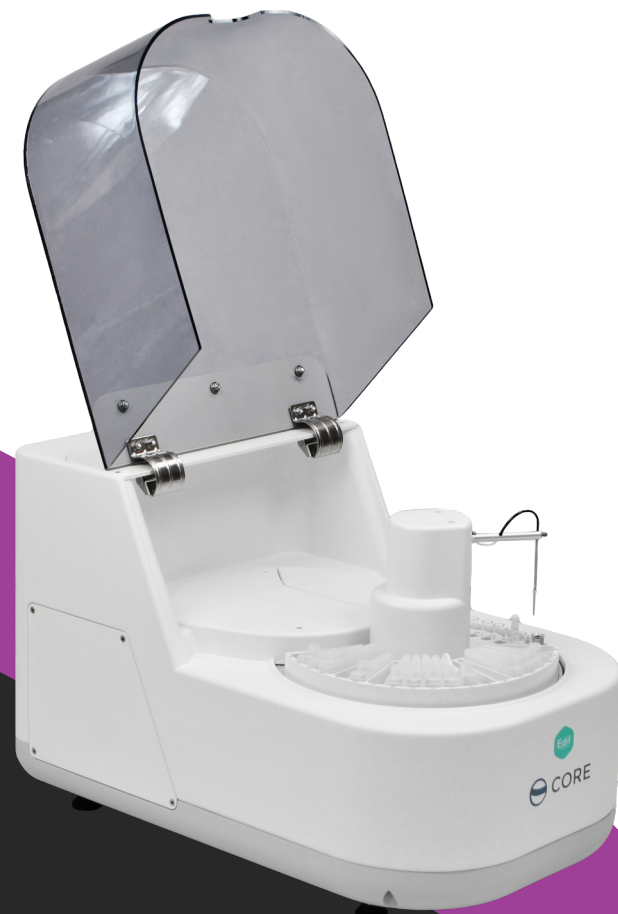
PULSAR 250

ORION 320 - THE SPRINTER.

The synthesis of speed and efficiency. It combines dual-arm speed (320 tests/hr), 100 μ L total reaction efficiency, and ISE module capabilities.



ORION 320



CORE PRO

PRO EFFICIENCY. COMPACT DESIGN.

Meet the Core PRO, the compact entry point to our P R O series.

While it shares the space-saving design of the Classic Core, the Core PRO is completely re-engineered internally. We've slashed total reaction volumes by two-thirds, a change that fundamentally lowers your cost-per-test by cutting reagent consumption and waste. This smarter design also delivers increased walk-away autonomy.

The Core PRO is the perfect solution for small labs seeking the cost-saving power and sustainability of a large analyzer in a compact footprint.



REF: ES00004

UDI-ID: 80536089401026

Up to 175 tests/hour

AVAILABLE SOON

SPECIFICATIONS

REF: ES00004

UDI-ID: 80536089401026

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, DOA

Throughput: Up to 175 tests per hour

Photometric linearity: 0 to 3 Abs (linearity $\pm 0.5\%$ from 0.1 to 1.5 Abs)

ISE module details: N/A

Water consumption: < 435 mL/h $\pm 10\%$

Number of reagents: 10 or 20

Refrigerated reagent bay: Yes
(approximately 12°C below ambient)

Sample tray positions: 10 or 20 positions
(85 mm tubes, 1 μ L cups, 3 μ L cups)



Sampling arms: 1

Reading cuvettes: 120 disposable (4 optical plastic segments of 30 v-shaped cuvettes)

Reaction volume: 100 – 510 μ L

Sample volume: 1 – 255 μ L

Clot sensor: N/A

Bar code reader(s): External optional (for reagents and samples)

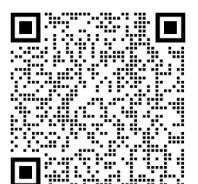
Computer: External PC or Tablet required

Dimensions (W x D x H): 38 x 60 x 40 cm

Weight: 20 kg (41.8 lb)



DATASHEET





ORION 240

SMART REAGENT EFFICIENCY.

The ORION 240 defines smart reagent efficiency, meticulously engineered for cost optimization in a compact footprint. Its standout technical feature is an ultra-low 100 µL minimum reaction volume, a hallmark of our PRO series technology, which dramatically reduces reagent consumption and drives down your cost-per-test.

Delivering a consistent throughput of up to 240 tests/hour and equipped with standard barcode readers for both samples and reagents, this compact analyzer is the smart choice for labs seeking maximum profitability, reliability, and low-maintenance operation.



REF: ES00006

UDI-ID: 80536089444528

Up to 240 tests/hour

SPECIFICATIONS

REF: ES00006

UDI-ID: 80536089444528

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, DOA

Throughput: Up to 240 tests per hour

Photometric linearity: 0 to 3 Abs
(linearity $\pm 0.5\%$ from 0.1 to 1.5 Abs)

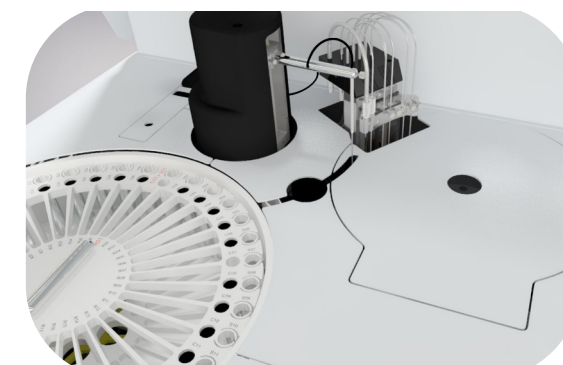
ISE module details: N/A

Water consumption: < 950 mL/h $\pm 10\%$

Number of reagents: 36 barcoded reagent bottle positions

Refrigerated reagent bay: Yes
(-15°C from room temperature; minimum controlled 4°C ; anti-frost controlled)

Sample tray positions: 36 barcoded primary tubes + 36 cups



Sampling arms: 1

Reading cuvettes: 80
(V-shape reusable optical plastic, reduced carry-over)

Reaction volume: 100 - 510 µL

Sample volume: 1 - 255 µL (0.05 µL resolution via long-life plunger diluter)

Clot sensor: N/A

Bar code reader(s): Standard (1D / 2D for samples and reagents)

Computer: External PC required

Dimensions (W x D x H): 55 x 62 x 54 cm

Weight: 42 Kg (92 lbs)



DATASHEET





PULSAR 250

THE ADMIRAL

The Pulsar is the cornerstone of the PRO series, engineered for laboratories that require advanced test management at the best performances. It moves beyond simple analysis by including integrated barcode readers for both samples and reagents as standard. This feature ensures complete, error-free traceability from start to finish. Achieving a high throughput of up to 250 tests/hour, the Pulsar also introduces enhanced efficiency with a wide reaction volume range and a powerful cooling system. Its key differentiator is its future-ready platform, offering an optional ISE module to manage a wider diagnostic menu with precision and full data control.



REF: ES00005-A
UDI-ID: 80536089401262
Up to 250 tests/hour

SPECIFICATIONS

REF: ES00005-A

UDI-ID: 80536089401262

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, ISE, DOA

Throughput: Up to 250 tests per hour

Photometric linearity: 0 to 3 Abs (linearity $\pm 0.5\%$ from 0.1 to 1.5 Abs)

ISE module details: Standard - Na^+ , K^+ , Cl^- (pH and Ca^{2+} optional); Exias thick-film modular system; parallel ISE and chemistry workflows; up to 200 ISE tests/h

Water consumption: $< 1000 \text{ mL/h} \pm 10\%$

Number of reagents: 36 + 36 barcoded reagent bottle positions

Refrigerated reagent bay: Yes ($\approx 15^\circ\text{C}$ below room temperature; minimum controlled 4°C ; anti-frost controlled)

Sample tray positions: 36 + 36 numbered positions (barcoded tubes or cups, including free standard/control/urgent positions)



Sampling arms: 1 with 3D shock sensor

Reading cuvettes: 80 (V-shape reusable optical plastic, reduced carry-over)

Reaction volume: 100 – 510 μL

Sample volume: 1 – 255 μL (precision: 2% CV at 1 μL , 1% CV at 4 μL ; resolution 0.05 μL)

Clot sensor: Standard

Bar code reader(s): Standard (samples and reagents, 1D/2D)

Computer: External PC required

Dimensions (W x D x H): 63 x 77 x 54 cm

Weight: 47 kg (103.6 lbs)

DATASHEET





ORION 320

THE SPRINTER.

The ORION 320 combines excellent speed with ultimate efficiency. It features two independent sampling arms and the same 100 µL micro-volume technology of the PRO series, delivering a high-speed up to 320 clinical chemistry tests/hour.

Its defining advantage, however, is its high-speed, integrated ISE module, which processes an additional 200 tests/hour. The system is engineered to run clinical chemistry and ISE workflows in parallel. This parallel processing delivers an exceptional combined throughput, making it the definitive solution for high-volume labs demanding total, integrated analytical power.



REF: ES00007

UDI-ID: 80536089444696

Up to 320 tests/hour

SPECIFICATIONS

REF: ES00007

UDI-ID: 80536089444696

Type of system: Open system

Analysis type: Clinical Chemistry, Turbidimetric, ISE

Throughput (Chemistry): Up to 320 tests per hour

Photometric linearity: 0 to 3 Abs (linearity $\pm 0.5\%$ from 0.1 to 1.5 Abs)

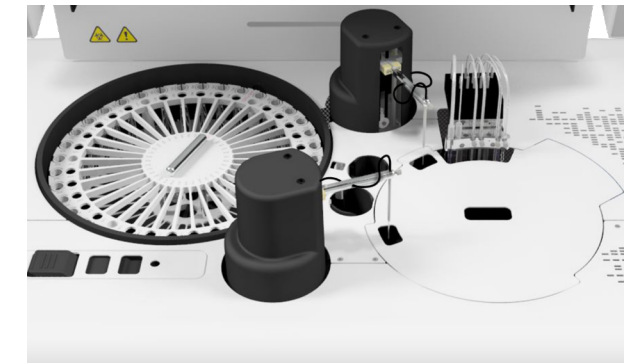
ISE module details: Optional - Na^+ , K^+ , Cl^- (pH and Ca^{2+} optional); Exias thick-film modular system; parallel ISE and chemistry workflows; up to 200 ISE tests/h

Water consumption: < 1350 mL/h $\pm 10\%$

Number of reagents: 36 + 36 barcoded reagent bottle positions

Refrigerated reagent bay: Yes (-15°C from room temperature; minimum controlled 4°C ; anti-frost controlled)

Sample tray positions: 36 barcoded primary tubes (85 mm height) + 36 cups



Sampling arms: 2

Reading cuvettes: 80 (V-shape reusable optical plastic, reduced carry-over)

Reaction volume: 100 - 510 µL

Sample volume: 1 - 255 µL (0.05 µL resolution via long-life plunger diluters)

Clot sensor: N/A

Bar code reader(s): Standard (1D / 2D for samples and reagents)

Computer: External PC required

Dimensions (W x D x H): 85 x 62 x 54 cm

Weight: 60 Kg (132 lbs)



DATASHEET





Edif

MEET OUR SOFTWARES.

Our integrated software ecosystem, combining the power of Hi and Mangrovia, delivers seamless performance and comprehensive remote management of your fleet of analyzers. Hi optimizes laboratory workflows, managing reagents, samples, methods, and quality control to ensure efficient daily operations. Mangrovia extends this control to the cloud, providing secure, real-time access for monitoring analyzer performance, scheduling maintenance, performing remote troubleshooting, and deploying software or firmware updates from any location. Together, they form a unified ecosystem that enhances efficiency, reliability, and connectivity. With complete visibility across your analyzer fleet, laboratories can coordinate activities, anticipate maintenance needs, minimize downtime, and continuously improve operational performance, empowering labs to stay connected and productive wherever they are.

This powerful synergy between Hi and Mangrovia is your gateway to a new era of intelligent diagnostics, where innovation meets precision and performance reaches stellar heights.



Powered by

AGILOO

SMART. INTEGRATED.

POWERED BY AGILOO.

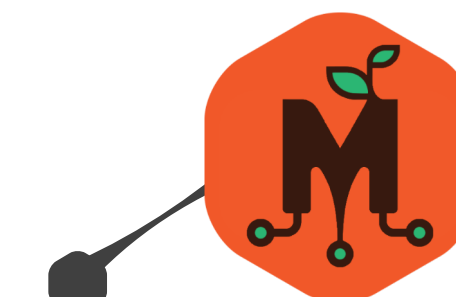


Edif

Our advanced software ecosystem, powered by our key strategic partner: **AGILOO**.

This deep collaboration means our software is not just an add-on, but is **created, managed, and engineered by AGILOO around our needs.**

Leveraging their expertise, the intuitive Hi platform and cloud-based Mangrovia are perfectly modeled for our customers' workflows, ensuring seamless remote management, monitoring, and support.



AGILOO





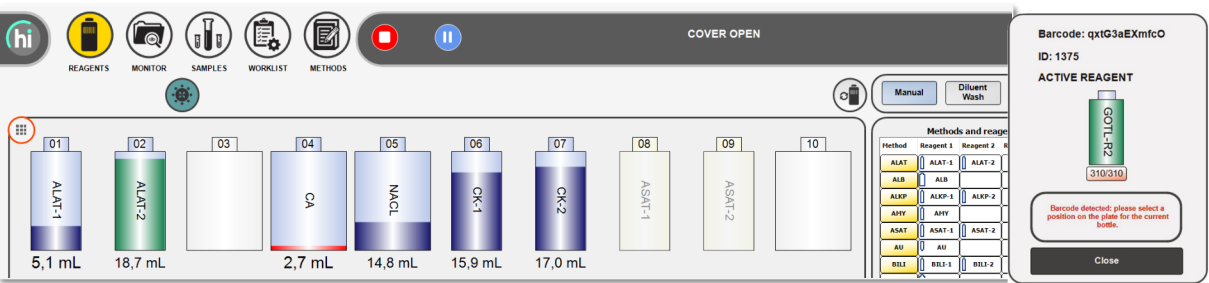
DISCOVER HI SOFTWARE

Hi is the intuitive and powerful platform designed to streamline your laboratory workflow. From reagent management to real-time monitoring, Hi simplifies every aspect of clinical chemistry analysis, ensuring precision and efficiency with user-friendly controls.



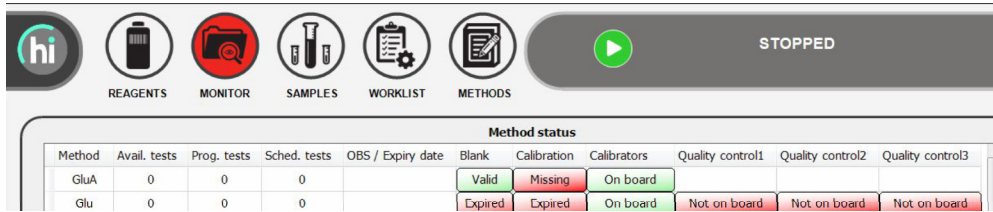
REAGENTS

Hi streamlines management of reagents, wash solutions, and diluents. It assigns bottle positions, tracks liquid levels and remaining tests, and uses barcode scanning to ensure accuracy and minimize errors.



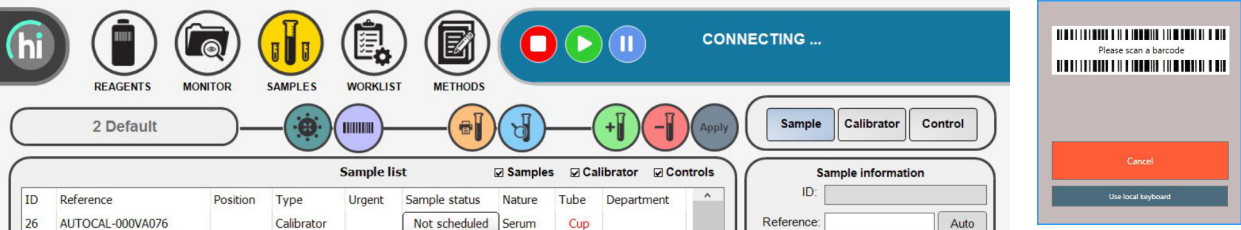
MONITOR

The Monitor tab provides real-time oversight of reagent status, method stability, and calibration, alerting users to issues early and supporting continuous workflow.



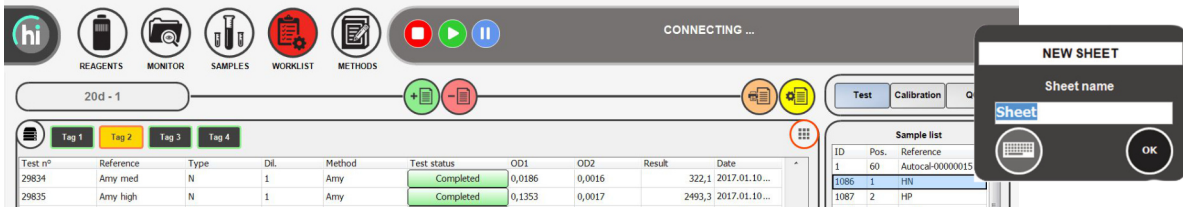
SAMPLES

With intuitive controls, users can easily load, unload, and track samples, calibrators, and controls. Barcode scanning and detailed reports ensure precise monitoring, error detection, and efficient sample management.



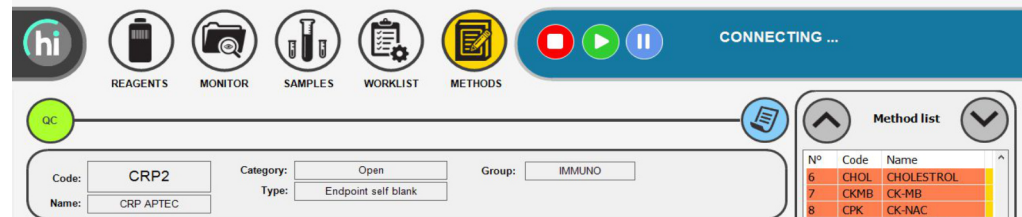
WORKLIST

The Worklist feature streamlines test creation and management, allowing users to organize, schedule, and monitor tests in real time for efficient execution, reruns, and reporting.



METHODS

The Methods tab offers full control of calibration, quality control, and test settings while tracking on-board stability. It provides a clear overview of reagent and method status to ensure readiness before sample runs.



QUALITY CONTROL

The Quality Control tab streamlines QC test scheduling and management, offering real-time monitoring, instant performance feedback, and automatic alerts to ensure accurate, reliable results with minimal downtime.



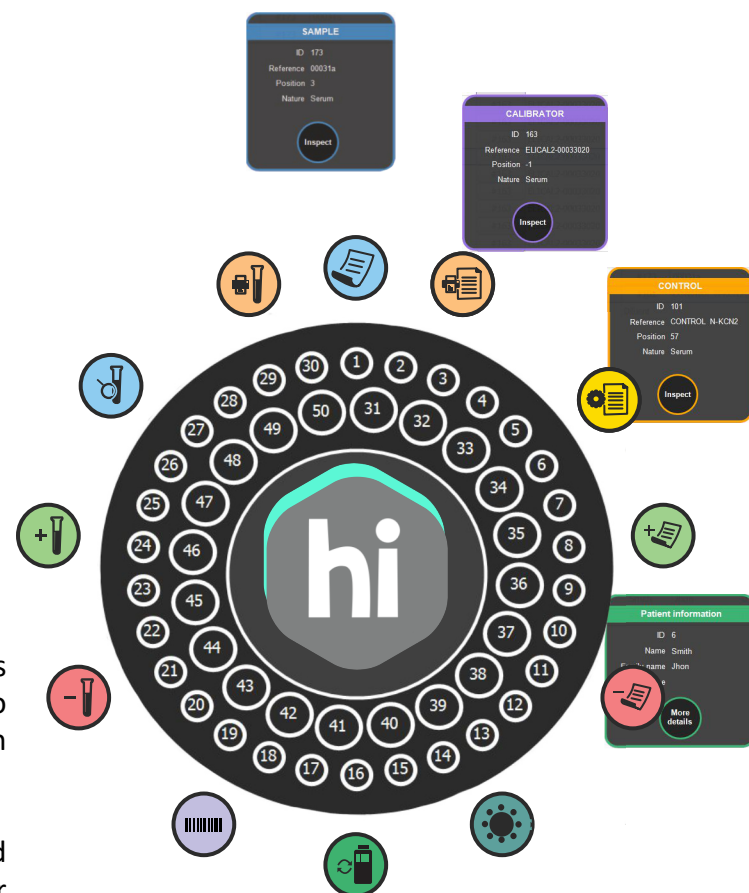
With Hi Software, Edif empowers your lab with cutting-edge technology that's easy to use and fully customizable. Boost productivity and ensure accurate results every time with a system designed to fit seamlessly into your laboratory operations.



MEET Hi: INTUITIVE SMART FEATURES

The Hi software stands out with its intuitive smart features, designed to optimize laboratory work through simplicity and ease of use.

Powered by Agiloo, Hi delivers high-end performance typically found in larger systems, but tailored for smaller machines. This makes it a valuable tool that combines advanced capabilities with an effortless user experience, ensuring top-tier efficiency in a compact form.



And many other features as autodilution, pre- and post-needle wash, methods incompatibility, tests rerun, multicalibrators and multicontrols management, bidirectional LIS, powerful self-diagnostics, cloud connection, etc..



Powered by **AGILOO**



Enhanced efficiency

The software automates repetitive tasks and optimizes workflows, reducing manual effort and improving laboratory productivity.



Intuitive and customized interface

"Hi" software is designed to perfectly fit laboratory workflows, customizing the interface to specific user needs and reducing unnecessary complexity.



Improved accuracy and precision

Advanced algorithms and data validation features reduce errors and improve the precision of laboratory results, ensuring reliable outcomes.



Seamless integration with laboratory systems

The software integrates smoothly with other instruments and databases, promoting efficient data sharing and collaboration within the team.



User-friendly and quick learning curve

Designed with usability in mind, the software reduces the learning curve, making it easy for users of all skill levels to become proficient quickly.



Data security and GDPR compliance

The software ensures data protection with encrypted databases, automatic backups, and cloud storage options, fully compliant with GDPR regulations.





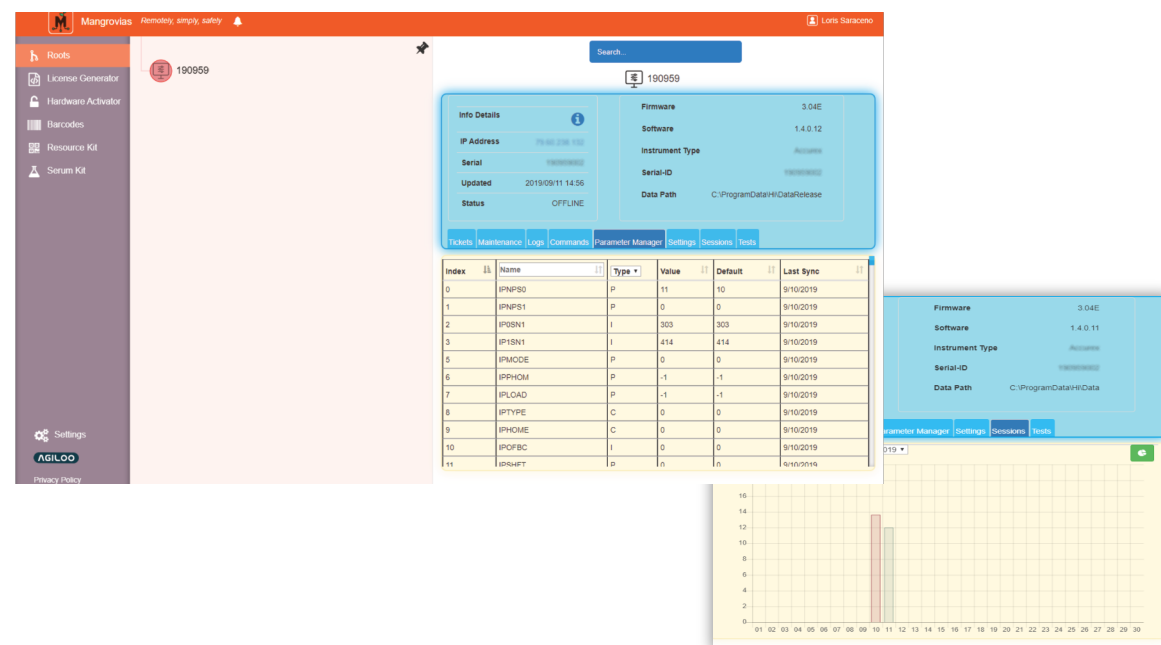
DISCOVER MANGROVIAS

Mangrovia is a cloud-based solution redefining the future of diagnostics. It keeps you securely connected with customers anytime, anywhere, while streamlining lab workflows to boost productivity and simplify daily operations.

With robust data security, your information stays protected, maintaining full confidentiality and integrity.

Featuring powerful marketing and management tools, Mangrovia optimizes operations, connects you to a global diagnostics network, and unlocks new growth opportunities.

Step into the future of diagnostics with Mangrovia, where connectivity and efficiency drive success.



Discover Mangrovia, the platform that enhances your marketing with targeted promotions and streamlines operations with real-time monitoring and maintenance tools.



MARKETING TOOLS.

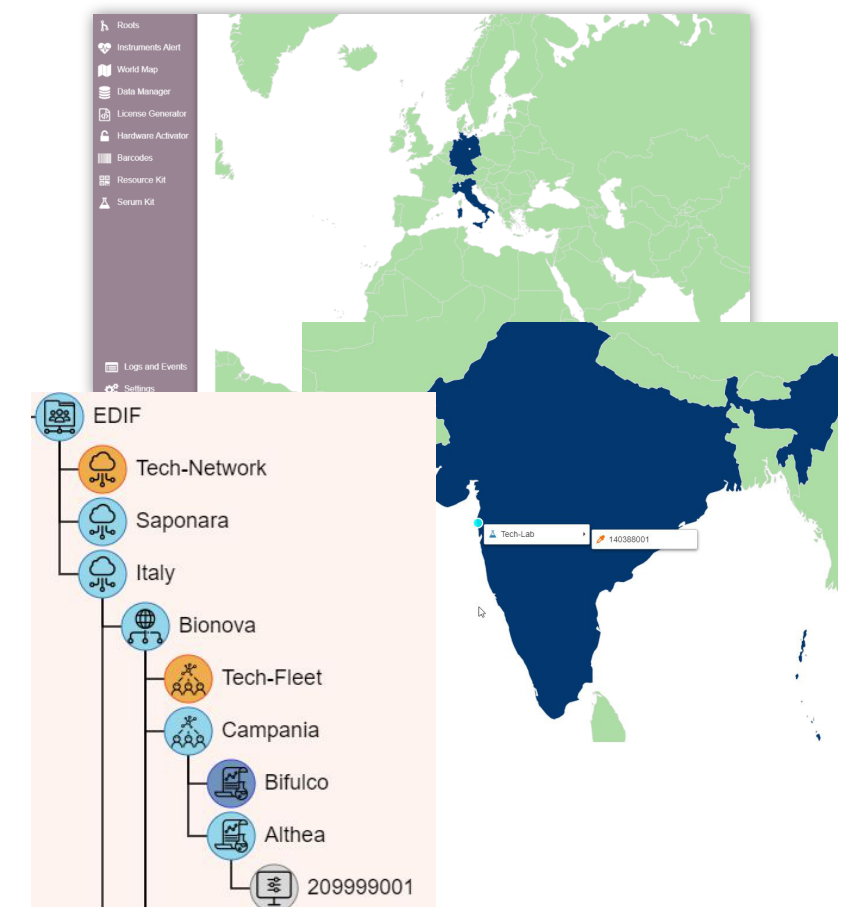
Mangrovia empowers you to promote and sell products with advanced marketing tools. Boost brand visibility through targeted and seasonal campaigns, offer personalized promotions for reagents and consumables, and plan strategies that drive sales. Create a seamless system to engage customers and maximize your promotional impact with this all-in-one marketing solution.

Analytical marketing:
Monitor customer consumption trends and maintenance needs.

Targeted advertising:
Promote products to specific customer segments for maximum impact.

Geolocation insights:
Identify regional needs and preferences to customize your offerings.

Diversified channels:
Leverage customer data to adapt your marketing strategies across multiple channels, catering to day-by-day habits and needs globally.



Mangrovia helps you reach the right audience, diversify your approach, and drive sales with precision.



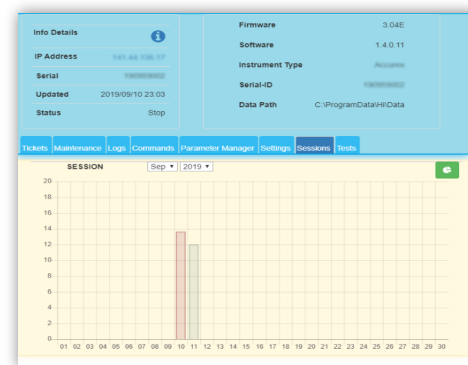
OPERATIONAL TOOLS.

Stay informed and in control with Mangrovias' advanced operational tools. Manage your analyzer fleet with real-time insights, monitoring performance and receiving instant alerts for any events. Track inspections, maintenance, and instrument usage with automated logs, email and SMS notifications, and preventive maintenance features.

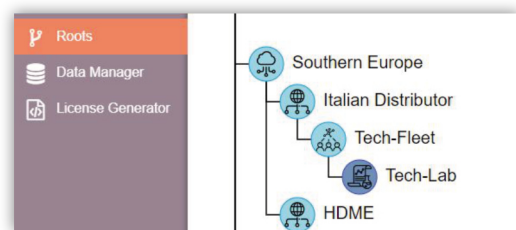
Easily register, remove, or locate instruments through list and map views, and manage software or firmware updates seamlessly.

With Mangrovias, you gain the tools to make informed decisions, optimize performance, and ensure smooth, efficient operations.

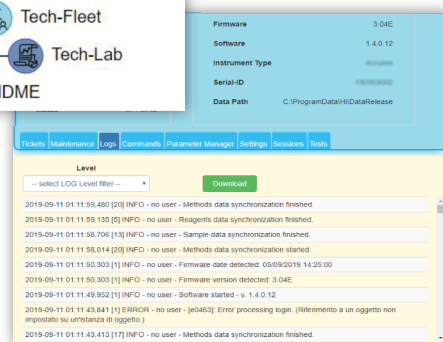
Real-time monitoring: Track the status and performance of your analyzers with instant alerts.



Preventive maintenance: Stay ahead with automated maintenance tracking and reminders.



Geolocation & list view: Easily manage your entire fleet with geographical and list views.



Remote updates: Seamlessly handle software and firmware updates.

Take full control of your devices and keep systems running smoothly.

Mangrovias is more than a management tool, it's your gateway to optimized operations, enhanced performance, and seamless diagnostic connectivity.

Continuous innovation

Mangrovias evolves regularly, integrating new features based on user feedback to further enhance the platform's functionality and ensure that it meets the needs of its users.



Remote fleet management

Mangrovias organizes instruments in a hierarchical structure, from OEMs to individual machines, enabling clear oversight of every device in the network. Laboratories and distributors can efficiently manage their equipment fleet and access real-time updates on the status of each instrument.



Enhanced monitoring

With tools such as Instrument Alerts, a World Map for real-time geographic tracking, and a comprehensive Machine Panel, Mangrovias offers complete visibility into the health and performance of every connected analyzer. Alerts ensure that potential issues are flagged early, allowing for swift corrective actions.



User access control

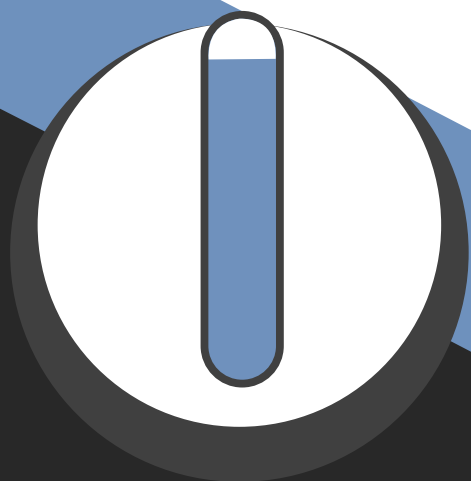
Every user is assigned a unique account with specific access rights, ensuring that only authorized personnel can control or monitor certain levels of the hierarchy, from OEMs down to laboratory operators, while maintaining security and privacy.



Cloud backup and encryption

Mangrovias securely stores Hi software data off-site, protecting it from hardware failures or disasters. With encryption both in transit and at rest, along with easy restoration, it ensures business continuity and safeguards against unauthorized access.





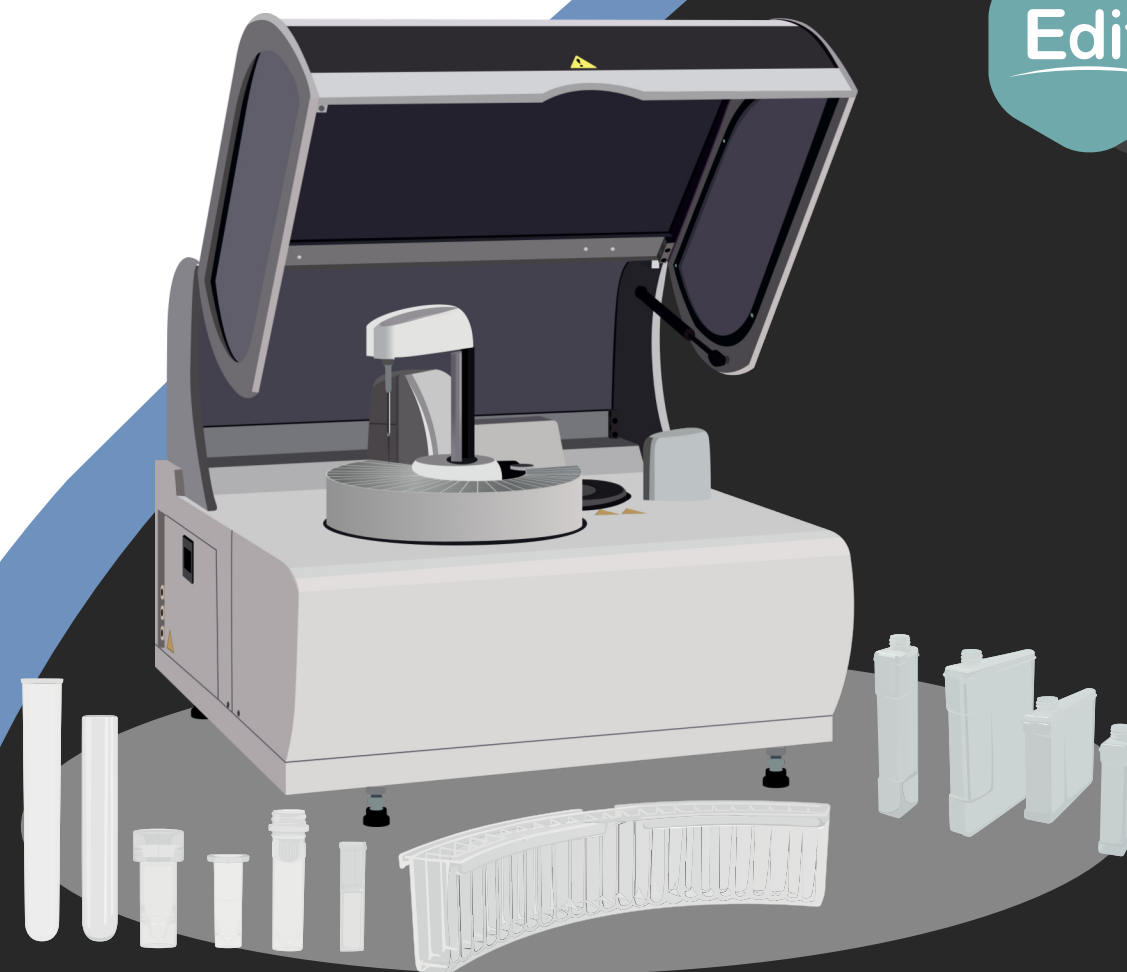
CONSUMABLES.

ACCURACY IN THE LITTLE THINGS.

Edif offers a wide range of consumables such as tubes and cups for specimen collection, reaction cuvettes, and reagent bottles. Selecting which consumables are the most suitable for your needs within your device is essential.

In fact, bad-quality consumables may be the origin of the inaccuracy of test results, involving an unnecessary waste of time and resources.

Be error-free by choosing our high-quality consumables made from tested plastic and free from flaws to ensure a high degree of accurate measurement.



ACCURATE MEASUREMENTS.



Don't let low-quality plastics contaminate your samples and compromise your results! Studies show that inferior consumables can lead to inaccurate analyses.

Choose our high-quality, rigorously tested consumables to ensure accuracy and reliability. Designed to meet stringent standards, they maintain sample integrity and seamlessly integrate with your analysis process.

Opt for superior quality to protect your work and trust in every result.



Reagent screw cap tube 10.8 x 44 mm

REF: CML10014A-001A UDI-ID: 80536089410318
PLASTIC: PP Polypropylene

The reagent screw caps are manufactured from PP (Polypropylene) with extensive chemical compatibility. The screw caps, the leak-proof technology, and the self-standing design make them particularly suitable for many scientific applications.

Pack	REF	UDI-ID
30	CML10014A-030A	80536089410486

Bottle cap for screw cap tube and reagent bottle

REF: CML07024A-001A UDI-ID: 80536089409282
PLASTIC: PP Polypropylene

The bottle caps for 30 positions reagent tray have a gasket for a watertight seal. Our caps are compatible with both screw cap tubes and reagent bottles, making warehouse activities easier.

Pack	REF	UDI-ID
30	CML07024A-030A	80536089409350

Bottle cap with attachment for screw cap tube and reagent bottle

REF: CML07025A-001A UDI-ID: 80536089409428
PLASTIC: PP Polypropylene

These bottle caps have a smart attachment preventing caps exchange in the laboratory which causes contamination and compromise of the test results. Our caps are compatible with both screw cap tubes and reagent bottles, making warehouse activities easier.

Pack	REF	UDI-ID
30	CML07025A-030A	80536089409596



Specimen collection tube 12mm x 85mm, 5,5ml

REF: CML07021A-001A UDI-ID:80536089407448
PLASTIC: PE (Polyethylene)

The specimen collection tubes 12mm x 85mm, 5,5ml are made from high-quality Polyethylene (PE) materials with high chemical compatibility. Suitable and perfectly designed for Duo and Sphera Analyzers.

Pack	REF	UDI-ID
50	CML07021A-050A	80536089440568
1000	CML07021A-1K0A	80536089407516



Specimen collection tube 12mm x 75mm, 4,5ml

REF: CML07021B-001A UDI-ID: 80536089407684
PLASTIC: PE (Polyethylene)

The Specimen collection tubes 12mm x 75mm, 4,5ml are made from high-quality Polyethylene (PE) materials with high chemical compatibility. Suitable for sample collection and perfectly designed for Core, Alcor, and Pulsar.

Pack	REF	UDI-ID
50	CML07021B-050A	80536089419564
1000	CML07021B-1K0A	80536089407752



Specimen collection cups 1mL

REF: CML07022A-001A UDI-ID: 80536089408056
PLASTIC: PS (Polystyrene)

The Specimen collection cups 1mL are made from high-quality transparent Polystyrene (PS) materials with high chemical compatibility. Suitable for veterinary and pediatric sample collection.

Pack	REF	UDI-ID
50	CML07022A-050A	80536089440636
1000	CML07022A-1K0A	80536089408124



Specimen collection cups 3mL

REF: CML07023A-001A UDI-ID: 80536089408292
PLASTIC: PS (Polystyrene)

The Specimen collection cups 3mL are made from high-quality transparent Polystyrene (PS) materials with high chemical compatibility. These cups are the most widespread for all sorts of applications thanks to its size and the stability given by the flat base.

Pack	REF	UDI-ID
50	CML07023A-050A	80536089441008
1000	CML07023A-1K0A	80536089408360





Washable PMMA V-Shaped reaction cuvette

REF: CML10064A-001A UDI-ID: 80536089442920

PLASTIC: PMMA (Polymethyl methacrylate)

These Washable PMMA reaction cuvettes are designed with a transparent surface free from flaws to ensure a high degree of accurate measurement. When the reaction cuvettes are dirty or scratched, the Edif analyzers will simply warn you to replace them.

Pack	REF	UDI-ID
40	CML10064A-040A	80536089442852



Washable PMMA reaction cuvette

REF: CML07018A-001A UDI-ID: 80536089418574

PLASTIC: PMMA (Polymethyl methacrylate)

These Washable PMMA reaction cuvettes are designed with a transparent surface free from flaws to ensure a high degree of accurate measurement. When the reaction cuvettes are dirty or scratched, the Edif analyzers will simply warn you to replace them.

Pack	REF	UDI-ID
80	CML07018B-080A	80536089407370
200	CML07018A-200A	80536089407202



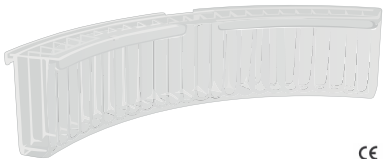
Reaction segment with 24 wells

REF: CML07075A-001A UDI-ID: 80536089411926

PLASTIC: PMMA (Polymethyl methacrylate)

The Reaction segment with 24 wells is specifically designed for the Core. These PMMA reaction cuvettes are specifically designed for the Core and have a transparent surface free from flaws to ensure a high degree of accurate measurement. Upon replacement, the Edif analyzer will tell you to replace the entire module containing 24 reaction cuvettes.

Pack	REF	UDI-ID
52	CML07075A-052A	80536089412152
100	CML07075A-100A	80536089412084



Reagent bottle 50ml

REF: CML07027A-001A UDI-ID: 80536089410172

PLASTIC: HDPE (High-density polyethylene)

The Reagent bottles 50 ml are suitable for larger-size analyzers such as Sphera and Duo. They are made from high-quality HDPE materials with high chemical compatibility.

Pack	REF	UDI-ID
30	CML07027A-030A	80536089410240
500	CML07027B-500A	80536089419496



Reagent bottle 38ml

REF: CML07014A-001A UDI-ID: 80536089409800

PLASTIC: HDPE (High-density polyethylene)

The Reagent bottles 38 ml are suitable for smaller-size analyzers such as Core and Alcor. These items are made from high-quality HDPE materials with high chemical compatibility.

Pack	REF	UDI-ID
30	CML07014A-030A	80536089440490



Reagent bottles 20ml

REF: CML07026A-001A UDI-ID: 80536089409978

PLASTIC: HDPE (High-density polyethylene)

The Reagent bottles 20 ml are suitable for larger-size analyzers such as Sphera and Duo. These items are made from high-quality HDPE materials with high chemical compatibility.

Pack	REF	UDI-ID
30	CML07026A-030A	80536089410004



Reagent bottle 15ml

REF: CML07013A-001A UDI-ID: 80536089409664

PLASTIC: HDPE (High-density polyethylene)

The Reagent bottles 15 ml are suitable for smaller-size analyzers such as Core and Alcor. These items are made from high-quality HDPE materials with high chemical compatibility.

Pack	REF	UDI-ID
30	CML07013A-030A	80536089409732





NEAT ©

TAKE CARE OF YOUR ANALYZERS.

Neat has been designed to restore the perfect testing original conditions of your analyzer and to achieve perfect results.

In fact, contaminated chemical analyzers may be the origin of the inaccuracy of test results, involving an unnecessary waste of time for your employees and a loss of money for the laboratory.



SAFE AND ACCURATE.



Don't let poor maintenance shorten IVD analyzers' lifespan or compromise accuracy! Proper upkeep significantly extends device life and ensures consistently precise results.

Choosing the right maintenance plan is crucial for optimal performance. Invest wisely in maintenance, it's a smart move that delivers long-term benefits for healthcare professionals and patients alike.



NEAT © S
SYSTEM SOLUTION
6 x 50 mL

REF: KIT08005E-300B UDI-ID: 80536089400890

Neat S © is a system solution used in clinical chemistry analyzers for increase accuracy and reduce microbial and fungal contaminations.



NEAT © C
CLEANING SOLUTION
2 x 250 mL

REF: KIT08006E-500B UDI-ID: 80536089401330

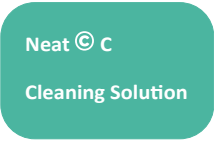
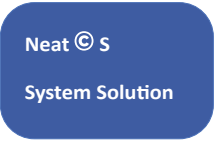
Neat C © is a cleaning solution used in clinical chemistry analyzer to ensure optical quality and maintenance of the reaction cuvettes during the daily routine work.



NEAT © LX
LATEX REMOVAL
3 x 27 mL

REF: KIT08009E-081B UDI-ID: 80536089442234

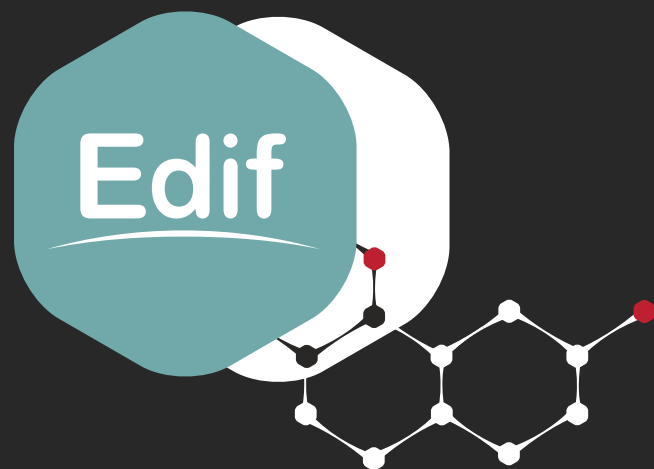
Neat LX © is a special cleaning solution designed for eliminating the adhesion of the latex particle-enhanced turbidimetric immunoassays (LTIA) to the plastic reaction cuvettes.



REF	KIT08005E-300B	KIT08006E-500B	KIT08009E-081B
UDI-ID	80536089400890	80536089401330	80536089442234
BASIC-ID	805360894KIT08005NL	805360894KIT08006NN	805360894KIT08009NU
Size	6 x 50 mL	2 x 250 mL	3 x 27 mL
Formulation	Stable Liquid Concentrated 400:1	Stable Liquid Concentrated 50:1	Stable Liquid Ready to use.
Purpose	System solution for fully automated analyzers	To clean sampling needle and reaction cuvettes.	To eliminate the adhesion of the latex particles to the plastic reaction cuvettes.
When?	Always, as a normal System Solution.	Always, as a normal Cleaning solution.	-
Where?	Cuvette Washing Station Needle Washing.	Cuvette Washing Station Needle Washing.	Cuvette Washing Station Post-Injection in reaction cuvettes



CHECK
THE
CONTAMINATION
TABLE.

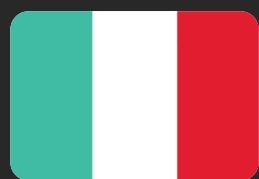


OEM SERVICE:

FROM CONCEPT TO ANALYZER.

You've met every member of our Edif analyzer fleet: each one built with precision, performance, and reliability in mind. And yet, none of them quite has everything you're looking for. At Edif, that's not a problem, it's our starting point. Through our OEM service, we design and build analyzers entirely tailored to your needs, from concept to analyzer. From the first idea to the finished instrument, we work side by side with you: shaping the project, engineering the hardware, and customizing the software, until every detail aligns perfectly with your vision. Each analyzer is designed and manufactured in-house in Italy, ensuring the highest standards of quality, precision, and flexibility, crafted with the same care and dedication as a true Italian tailor would.

From concept to analyzer, that's the Edif way.



MADE IN ITALY.

MADE FOR YOU.

YOUR VISION TAILORED INTO REALITY:



1

DEVELOP YOUR IDEA

By your side helping to better understand your needs, developing the business model and providing support with our vast experience.



DESIGN A SOLUTION

By your side identify components that best suit your needs, integrating them with one of our platforms.



CUSTOMIZE THE LOOK

By your side adjusting the color, changing the brand image, personalizing the software. Making it unique.



2

DELIVER THE PRODUCT

By your side handling the entire manufacturing process, taking care of all requests your customer may have. Delivering the product when and wherever you want.



3

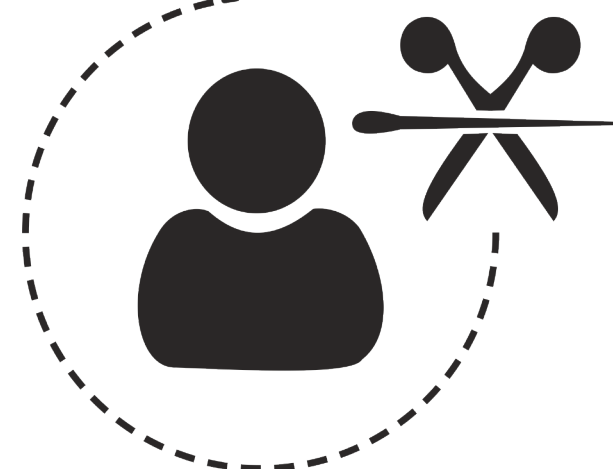
PROVIDE ASSISTANCE

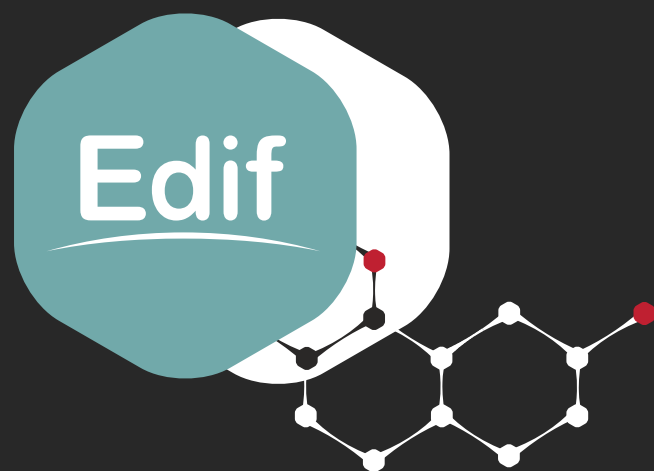
By your side solving any problem you may encounter and providing on-demand support.



TRAIN YOUR STAFF

By your side training your technicians to maintain the analyzers, training your specialists, and providing on-demand training sessions.

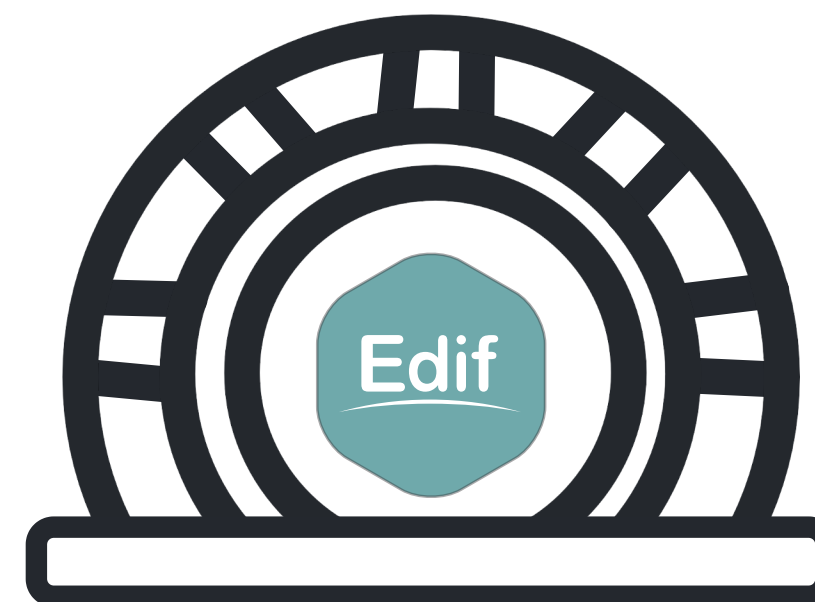
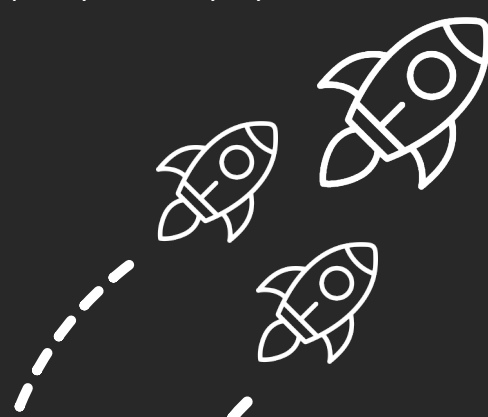




YOUR GATEWAY TO GLOBAL SUPPORT

At Edif, 360-degree support is a core promise. Our service goes one step further. It's not just about the assistance we provide; it's about the power we give you. We provide comprehensive training for your technicians and specialists, preparing them for every eventuality. This is your gateway to becoming a truly global, autonomous support hub. Having complete control of your assistance network makes everything easier.

We offer a unique approach: not only do we build analyzers, but we also create an entire fleet of devices that seamlessly integrate into your network, providing 360-degree support. With Edif, you'll have complete control over your analyzers, with easy-to-use remote assistance and access to a vast network of knowledge and platforms that support your everyday clinical operations.



With Edif you have complete control over your entire fleet of analyzers, no matter where they are in the world.

Hi simplifies every aspect of clinical chemistry analysis and features powerful self-diagnostics, providing the foundational data that makes advanced remote assistance possible.

With Mangrovia, you gain cloud-based remote access for real-time monitoring, troubleshooting, and updates. You can manage your equipment fleet, access real-time status updates, and track preventive maintenance needs from a single, central platform.

GET OUR SUPPORT, BUILD YOUR NETWORK.

JUST BE IN CONTROL.



ABOUT US.

With a rich history spanning nearly 39 years, Edif has established itself as a highly experienced and reputable manufacturer in the field of In Vitro Diagnostics (IVD). Renowned for its commitment to high-end quality, all Edif products are proudly produced in Italy, incorporating top-edge technologies and backed by exceptional after-sales services. As a result, Edif has earned a well-deserved reputation as one of the most esteemed brands in its segment.

150
COUNTRIES

39
YEARS
OF EXPERIENCE

5
DIFFERENT
INDUSTRIES

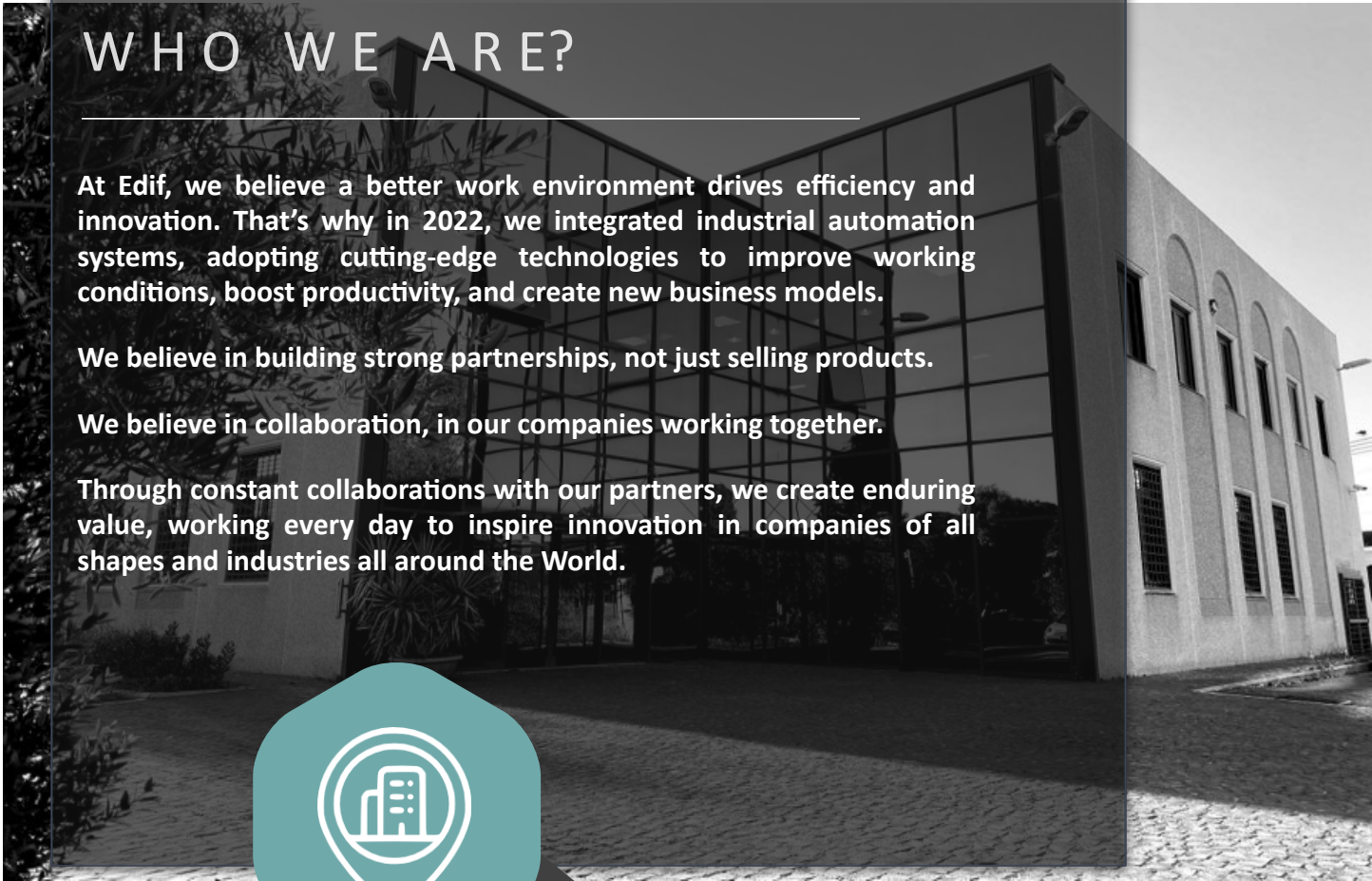
WHO WE ARE?

At Edif, we believe a better work environment drives efficiency and innovation. That's why in 2022, we integrated industrial automation systems, adopting cutting-edge technologies to improve working conditions, boost productivity, and create new business models.

We believe in building strong partnerships, not just selling products.

We believe in collaboration, in our companies working together.

Through constant collaborations with our partners, we create enduring value, working every day to inspire innovation in companies of all shapes and industries all around the World.



Just a 30 minute drive from Rome city center and 10 from Fiumicino Airport, the new growing district of Acilia represents one of the largest growing industrial centers in the city. Edif's choice to settle in this district in 2019 was driven by a strong need to expand, nearness to good industrial infrastructure and interconnection to an industrial hub.

OUR MISSION
IS TO BE BY YOUR SIDE.



BECAUSE WE CARE

At Edif, we ensure our analyzers meet the highest standards through rigorous testing, strict regulatory compliance, and responsible manufacturing.

Certified under ISO 13485 and ISO 9001, every process reflects our commitment to quality and continuous improvement.

Each product is Made in Italy and designed for accuracy, reliability, and safety, fully compliant with the IVDR CE Mark, the EMC Directive, and environmental standards including Cobat RAEE, RoHS2, and REACH.

Transparency, traceability, and sustainability guide every stage of our operations, ensuring an ethical and fully compliant supply chain.

By choosing Edif, you choose a partner committed to quality and excellence — today and for the future.



COMMITTED TO EXCELLENCE.
DRIVEN BY QUALITY.



Edif is constantly working to improve the quality of its products and processes to obtain the most important certifications in the IVD market.

ISO 13485

ISO 13485 specifies requirements for a quality management system where an organization needs to demonstrate its ability to provide medical devices and related services that consistently meet customer and applicable regulatory requirements.



ISO 9001

ISO 9001 sets out the criteria for a quality management system and is the only standard in the family that can be certified (although this is not a requirement). It can be used by any organization, large or small, regardless of its field of activity. In fact, there are over one million companies and organizations in over 170 countries certified to ISO 9001.



MADE IN ITALY

Made in Italy is a merchandise mark indicating that a product is all planned, manufactured and packed entirely in Italy. Acknowledging the value of Made in Italy and promoting it, is therefore crucial, to make the quintessential excellent Italian product known among all consumers.



IVDR 2017/746

The E.U. legislation has been updated to keep up with technical advances and changes in medical practice to create a more robust, transparent, and sustainable regulatory framework. Eudamed with the Italian Ministry of Health recognized us as a verified entity and assigned us an SRN code.



All Edif analyzers are fully compliant with international standards, including CE, ISO certifications, guaranteeing safety and regulatory approval across markets. Edif provides full support to its clients for all registration processes in various countries. We manufacture according to the highest industry standards, offering 360-degree assistance to ensure seamless compliance and customer satisfaction.

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