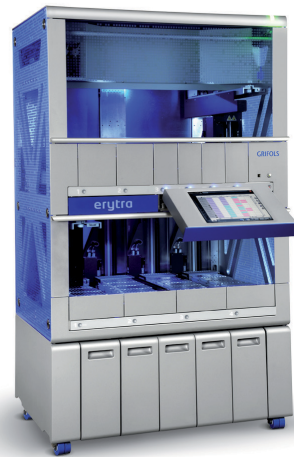


erytra[®]

High efficiency
and flexibility



TYPING

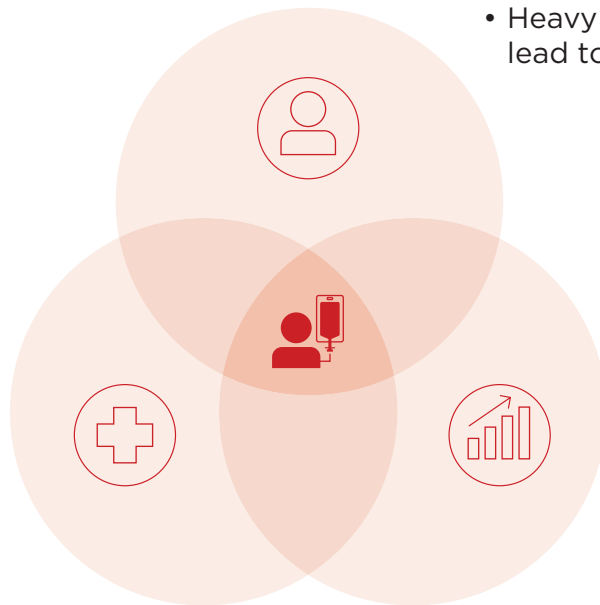
GRIFOLS

Pressure from All Sides

Staffing Pressures

The labor market has changed. Your staff must do more with less.

- Rising labor costs
- Shortages of qualified staff
- Heavy workloads and inefficiencies lead to burnout



Quality of Care Pressures

The laboratory drives decision-making, the provision of care, and, ultimately, patient experience and outcomes.

- Testing volumes are increasing
- Delayed testing can increase treatment time and costs
- Delayed blood product delivery negatively impacts patient satisfaction

Financial Pressures

Institutions must manage costs across the board to ensure their success.

- Limited training budgets
- Replacement costs of turnover
- Inflating costs of supplies & materials

Challenging Workloads Handled Efficiently



Enhanced Safety Improved Outcomes

For over 20 years, Grifols has worked to enable safer transfusions worldwide. Erytra's efficient automation minimizes manual testing and the associated errors while reducing delays that can increase costs and treatment time. Delivering quality results faster improves patient outcomes and eases staff burden.



Streamlined Operations

Erytra is designed for high capacity and efficiency, prioritizing work automatically with a smart scheduler. Loadable even during operation, Erytra adapts seamlessly to workflow changes, optimizing turnaround time for every result, including STAT results. Erytra delivers the results you need with the staff you have today.



Cost Savings

Labor is the highest transfusion cost after blood. Efficient automation increases walk-away time, allowing staff to focus on the demands of the lab. Easing the workload reduces burnout and protects a most valuable resource: your people.

It's time to challenge the status quo by focusing your laboratory automation on your needs and goals

"I want maximum quality and safety in the results."



Erytra automatically performs a series of process checks before, during, and after processing, such as card integrity checks and dispensing verification of the DG Gel cards.

"I want an instrument that will handle high workloads efficiently."



With space for up to 400 gel cards, 16 liters of wash solution, and 36 RBC reagent vials, the Erytra is designed to be loaded once for a day's work run with minimal intervention, allowing the user to focus on other more complex testing and results.

"I need to be flexible in the daily routine."



A smart scheduler and continuous loading capability permit seamless handling of workflow changes like STAT samples. A touchscreen interface and remote access enable effortless monitoring of the analyzer's status.

"I need a premium-quality, cost-effective system."



Designed for high throughput and easy to learn, Erytra helps you meet your test volumes with your current staff without taxing your training budget.



Beware of TAT Tunnel Vision

Evaluating Turnaround Time Requires a Systemic Perspective

There is no prize for the fastest first mile of a marathon. Focusing on the time to first result is an incomplete picture, setting you up for missed turnaround times on subsequent samples. Erytra was designed to increase operational efficiency. By optimizing the turnaround time for EVERY result, some clients will increase the number of patients receiving blood on time.¹

When things change, Erytra adapts intelligently. STAT samples and changes to workflow are accommodated seamlessly without derailing the testing underway. The world does not stop for STAT, and neither should you.

When discussing laboratory performance, it's crucial to consider the full picture of speed. While Time to First Result (TTFR) could be used to represent instrument speed, it's not the whole story. A more comprehensive understanding of instrument operation, as measured by Time to Last Result (TTLR), is necessary to fully grasp the impact an instrument can have on your lab.

The Erytra is a random-access instrument designed for true operational efficiency. When loaded with samples, the instrument operates to minimize the time it takes to complete every test in the workload assignment. Though this approach can sometimes lead to slightly longer TTFRs, the Time to Last Result (TTLR) is reduced in the vast majority of cases.² Every sample under test represents a patient. An instrument's TTLR is a better measure of how quickly it can enable you to get providers the information they need for vital care decisions. Every patient matters. Every sample matters. Erytra equips you to deliver all.

1. Grifols. Grifols Erytra: implementation of a new blood bank automated system at Duke Regional Hospital. Grifols Diagnostics. Accessed May 17, 2024. <https://www.diagnostic.grifols.com/en/-/grifols-erytra-implementation-of-a-new-blood-bank-automated>

2. Heu N, Destree M, Nester T, Sprinkle L, Degler J, Burns T. Evaluation of the Grifols Erytra Eflexis vs. Immucor Echo Lumena for transfusion service testing. *Transfusion*. 2021;61:abstract P-IS-4

erytra®

Technical Specifications



TECHNIQUES

ABO/Rh blood group typing (forward and reverse)

Unexpected antibody screening (1, 2, and 3 cell)

Identification of unexpected antibodies

Direct Coombs test

IS Crossmatch

IgG Crossmatch

Rh Phenotyping

Kell Typing

THROUGHPUT

Maximum throughput: 90 cards/hr
(720 results/hr)

Full ABO/Rh blood group typing: 60 samples/hr

Antibody screening (I, II, III): 106 samples/hr

Antibody screening (I cell): 240 samples/hr

Type & screening: 48 samples/hr

CAPACITY

54 reagents

36 agitated

12 non-agitated (non-agitated reagents can be extended to 48)

6 diluents

96 samples

4 drawers x 2 racks x 12 positions

400 DG Gel cards

Washing solutions

8 L DG Fluid A solution (extendable to 16 L)*

8 L DG Fluid B solution (extendable to 16 L)*

16 L waste solution

*With optional direct drainage.

DIMENSIONS AND WEIGHT

Width: 110 cm (43.3 in)

Depth: 70 cm (27.6 in)

Height: 175 cm (68.9 in)

Weight: Approximately 350 kg (772 lb)

POWER SUPPLY

Voltage: 100-240 V

Frequency: 50/60 Hz

Power: 600 W

REFERENCE	PRODUCT LIST	PRODUCT DESCRIPTION
210400	Erytra	A fully automated instrument with a high-processing capacity for pretransfusion compatibility tests using DG Gel cards
213713	Sample holder	Holder to load samples into Erytra analyzer
233738	Erytra system solution container	Additional container for the diluted system washing solutions (DG Fluid A or DG Fluid B)

GRIFOLS

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