

# Full automation in enzymatic food analysis

Enjoy the greatest possible comfort



In-house developed & ready-to-use premium enzymatic



Customized and established instrument applications



Full application and technical service

More information:

<https://r-b.io/Enzymatic>

# We as a system provider: Full automation of your enzymatics

## Just imagine...

Just imagine, you have reliable, fully automated support in the processing of your enzymatic analyses and you have significantly more time for the essentials. You avoid processing errors, your recovery is first-class and you use ready-to-use liquid reagents with enormous stability. In case of an application request, all you need to do is give us a call, and in case of a technical problem, you will get professional technical support immediately. And just imagine, you'll also save on costs. Sounds too good to be true? For us at R-Biopharm, this is a matter of course!

Our strong and broad-based team covers the entire spectrum of full automation of your enzymatic analysis.

Starting with developers of our in-house premium reagents, production, logistics and sales, we accompany you from the idea to the implementation of the full automation of your enzymatic determinations. Our application specialists and service technicians also ensure that your analyser remains functional and respond promptly when you call. In addition to all this, our product management is open to your wishes and ideas so that we can develop further together with you.

At R-Biopharm, one of our goals is to offer our customers the greatest possible convenience and to do so cost-effectively as a system provider.



# The overall system around the Pictus 500 – everything from a single source!

With us as a system provider of full automation of your enzymatic analytics, you will encounter in-depth know-how at all levels. At the same time, we always maintain an overview of your overall

situation and work with you to implement your plan in a sustainable manner. You will always benefit from our broad expertise.



## Pictus 500: selected features

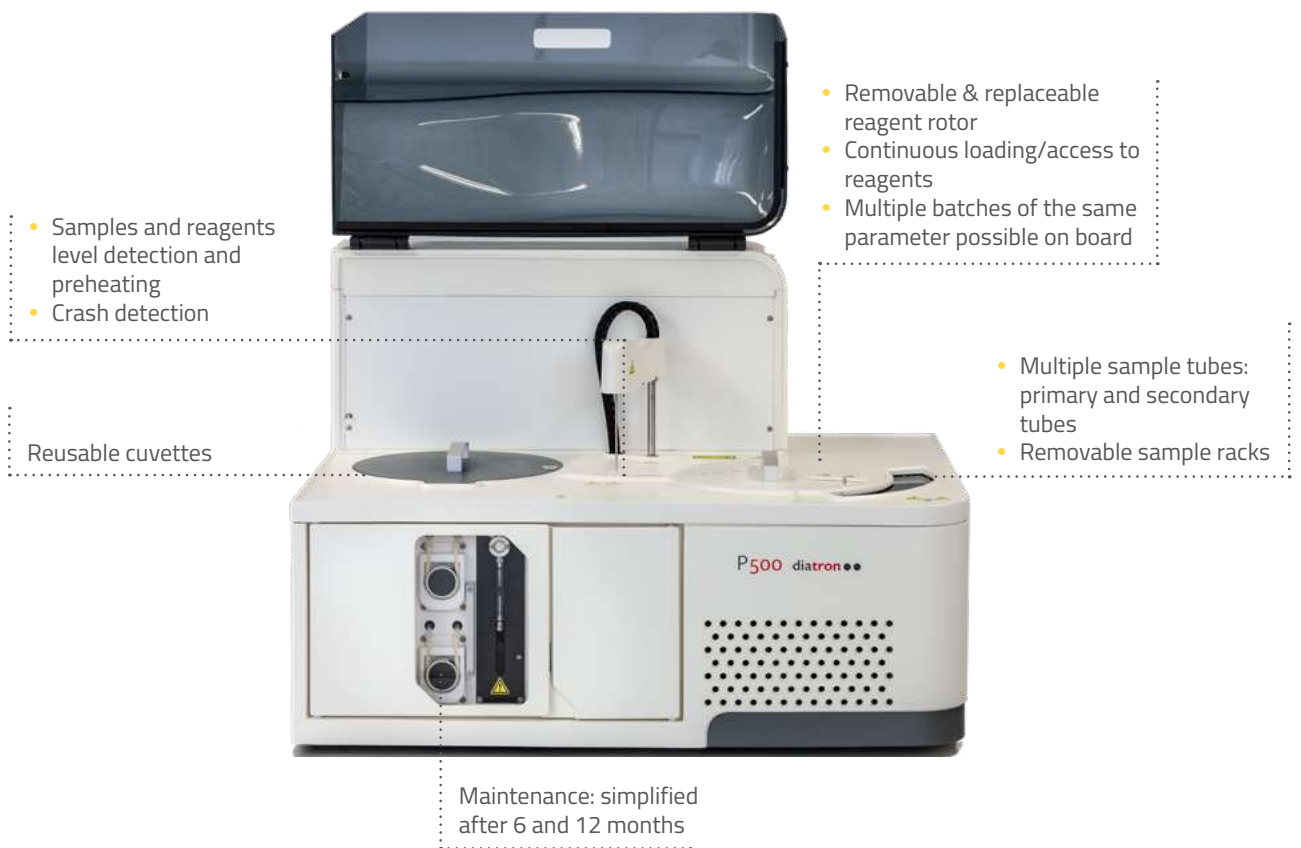


- Random access with continuous loading
- Crash detection
- Reflection tests, automatic repeat tests, automatic pre- and post-dilution of samples
- LIS connection
- Maintenance tracking and error logging
- Remote diagnostics & operational control

# Full automation with the Pictus 500 (Art. No. ZP500)

## The optimal partner for the full automation of your enzymatic food analytics

With its numerous functions, the Pictus 500 not only reliably simplifies your everyday laboratory work, it also inspires with its intelligent design and high-quality technology.



Maximum photometric throughput (tests/hour)	340	Washing solution consumption (litres/hour)	< 2
Samples on board	95	Computer/SW environment	Windows 8.1. or 10
Reagents on board, cooled (6 - 8 °C)	72	Multi-function pipetting arm	1
Air-controlled reaction temperature (°C)	37 ± 0.1	Washing and drying of cuvettes	Yes
Cuvettes on board	80	On board wash solutions/waste containers	Yes
Reagent volume range (µL)	180 - 650	Sealed photometer – linearity range	- 0.1/3.6
Sample volume range (µL)	2 - 100	Monochromatic interchangeable filters	12

# Enzytec™ *Liquid* meets Pictus 500 – the optimal solution for you

The Enzytec™ *Liquid* product line is ready-to-use  
and stable



All applications are tested in a proof of concept (PoC) on the Pictus 500 and performance data is collected for each parameter.

The Enzytec™ *Liquid* reagents are inserted directly into the Pictus 500 and are available there cooled for further analyses.



Reduced sample and reagent volumes on the Pictus 500 significantly reduce the cost per test.

Combined with our liquid stable multi-sugar and multi-acid standards, the result is an innovative test system.



Our reagents are washed out of the cuvettes after the end of the reaction. After drying the cuvettes, they are available for further analyses (reusable cuvettes).

## You already have an analyser?

We support you in creating applications of your analyser and establish the Enzytec™ *Liquid* reagents on your device together with you!