

## Applications

PlateLyzer Elite is applicable for various applications such as drug development, clinical diagnosis, pathogen identification, and so on, providing you with time-saving, high-throughput, high-quality results with the excellent performance of PlateLyzer Elite.

### Clinical diagnostic

Drug testing, infectious pathogen testing, blood screening, and disease testing.

### Research

Drug development, biology, life science and medical research.

### Food inspection

Detects clenbuterol, antibiotics, melamine, heavy metals, pesticides, and other ingredients in food.

### Other applications

Customs detection, criminal inspection, public health and environmental inspection.



# PlateLyzer Elite

## Microarray biochips reader



### Specification

Camera	5MP CMOS	Connectivity	USB 2.0	OS support	Windows 10 / 11
Resolution	7.3 $\mu\text{m}$ (3472 dpi)	Dimension(L x W x H)	390 mm x 372 mm x 152 mm	Software	MiBio-Probe
Light Source	LED	Weight	7.5 kg		
Capture mode	Transmissive / Reflective	Power Adaptor	Input: AC 100V-240V, 50-60Hz Output: DC 24V, 2.5A		
Image formats	48-bit/ 24-bit TIF (color)	Operation Environment	OP temperature: 50° ~ 95°F ( 10° ~ 35°C ) OP humidity: 20% ~ 85%RH		
Vessels	96 well plate / 4 microscope slides				
Scan Speed	150 sec (96 microplate)				

Additionally, there is an OEM version available. Please feel free to contact us for cooperation inquiries.

For more details on product, please contact your local Microtek sales or dealers.

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**MICROTEK**  
SCAN THE WORLD

### PlateLyzer Elite Microarray biochips reader

PlateLyzer Elite is a special reader designed to capture images of microplates and biochips and has the following characteristics :

- ▶ Compact and portable
- ▶ Image analysis for multiplex diagnostic
- ▶ High stability, high speed, high resolution
- ▶ High-throughput and robust result read-out

**MICROTEK**  
SCAN THE WORLD

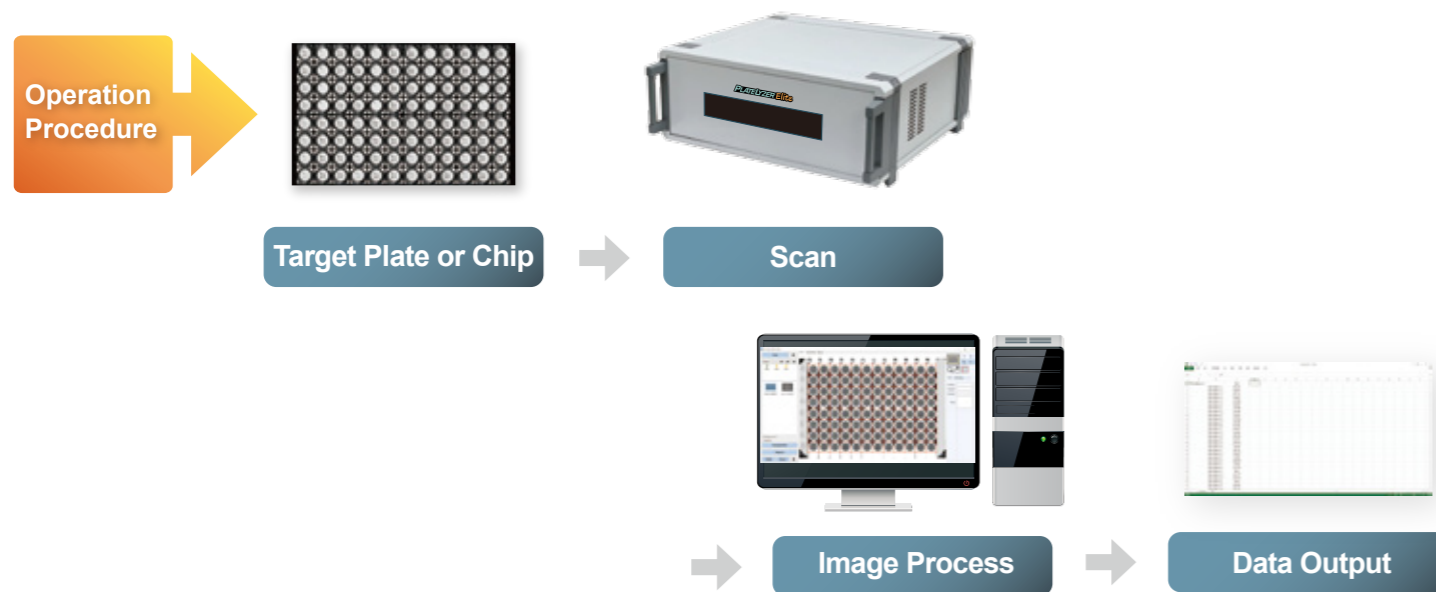
# Microarray Imaging Solution

PlateLyzer Elite, a professional biochip scanner, scans and detects biological images in plates or chips quickly and accurately. If equipped with analysis software, users can easily conduct the detection, analysis and interpretation of various biological samples, and save the test results as digital files for further analysis and retrieve complete solution for ELISA related research.

## MiBio-Probe Image analysis software

MiBio-Probe is an analysis software that reads and analyzes microarray biochip sample images. The easy-to-operate control panel enables users to easily complete the detection and interpretation of samples.

Through MiBio-Probe, users can easily conduct the detection, analysis, and interpretation of various samples, save the result as digital files or reports for further analysis and retrieve complete solutions for related research and applications.

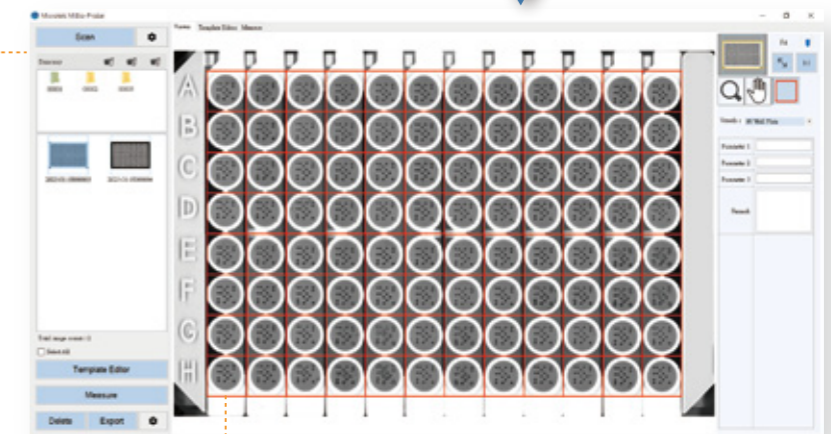


- ▶ Capture gray value of test sample
- ▶ Automatic conversion and analysis
- ▶ Automatic interpretation of test results
- ▶ Automatically generate inspection reports
- ▶ Multiple index detection
- ▶ High-throughput detection

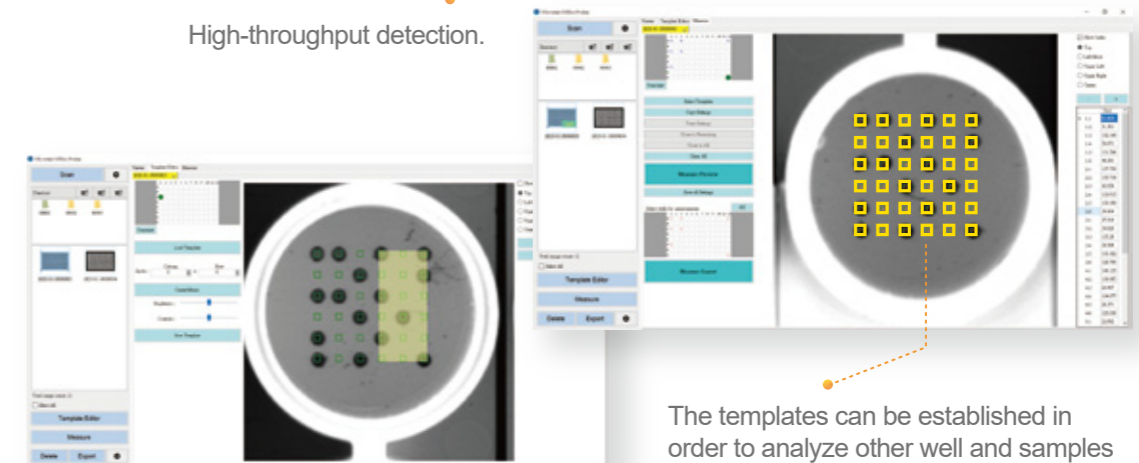
Includes image scanning, detection, interpretation and reporting functions.

The intuitive interface enables users to get started without any operating experience.

The periodic scan is available for observing the results.



High-throughput detection.



The templates can be established in order to analyze other well and samples more efficiently.