

A State-of-art Automated Microplate Analyzer with interactive Touch Screen LCD. Equipped with a three variable linear plate mixing speed, the instrument can store data for 25 microplates.

Technical Specifications*

- User Interface : Large Touch Screen LCD with backlight
- Plate Type : 96 well plate (U, V or Flat Bottom)
- Wavelength : Accuracy ($\pm 2\text{nm}$), Half width ($\leq 12\text{nm}$), Peak transmittance ($\geq 35\%$).
- Wavelength range : 400-750 nm
- Filters : 405 nm, 450 nm, 492 nm, 630nm. 3 free positions for optional filters
- Reading range : 0 - 3.5A,
- Reading Unit : 8 Channel
- Light Source : Tungsten Halogen 12V/20W
- Absorbance resolution : 0.001A
- Absorbance accuracy : $\pm 0.03\text{A}$ (0 - 2.5A)
- Repeatability (CV, %) $\leq 1\%$
- Linearity :

Wavelength Range (nm)	Absorbance	Linearity Error %
405 - 630	0.0-2.5	$\leq \pm 2.5\%$

- Stability : $\leq 0.005\text{A}/10\text{min}$
- Reading Speed : Single wavelength $< 12\text{s}/\text{plate}$ (96-well plate); Dual wavelength $< 30\text{s}/\text{plate}$ (96-well plate).
- Plate Mixing : 3 Linear Speed (High, Normal, Low); Plate Mix Time (0 - 60s).

Operating Environment

- Power Supply : AC220V or 110V, 50/60Hz
- Input Power : 100VA
- Ambient Temperature : 10°C - 40°C
- Storage Temperature : 10°C - 50°C
- Relative Humidity : Up to 90% relative humidity without condensation
- Weight : Appx. 9.6 Kg

A State-of-art Automated Microplate Washer with interactive Touch Screen LCD to compliment ELISA Reader.

Technical Specifications*

- User Interface : Touch Screen LCD, 128x64 pixels with backlight
- Wash head : 8 and 12 head manifold compatible
- Wash mode : Row and plate
- Wash rows : 1-12 rows
- Plate Type : 96 well plate (U, V and Flat Bottom)
- No. of plates : Up to 8 type
- Wash programs : 40
- Moving Cycle : 1-9 cycles
- Dispensing Volume : 50 - 450 in 5 μl increments
- Dispensing Precision : $< 5\%$ at 300 μl
- Prime volume : 50-700 μl
- Aspiration pressure : Programmable 2 Types
- Soak time : 1-255s
- Residual volume per well : $\leq 2\mu\text{l}$ for V/ U bottom plates, and $\leq 3\mu\text{l}$ for Flat bottom plates
- Nos. of Bottles : 2 Wash, 1 Distill Water, 1 Waste
- Bottle capacity : $> 2\text{L}$

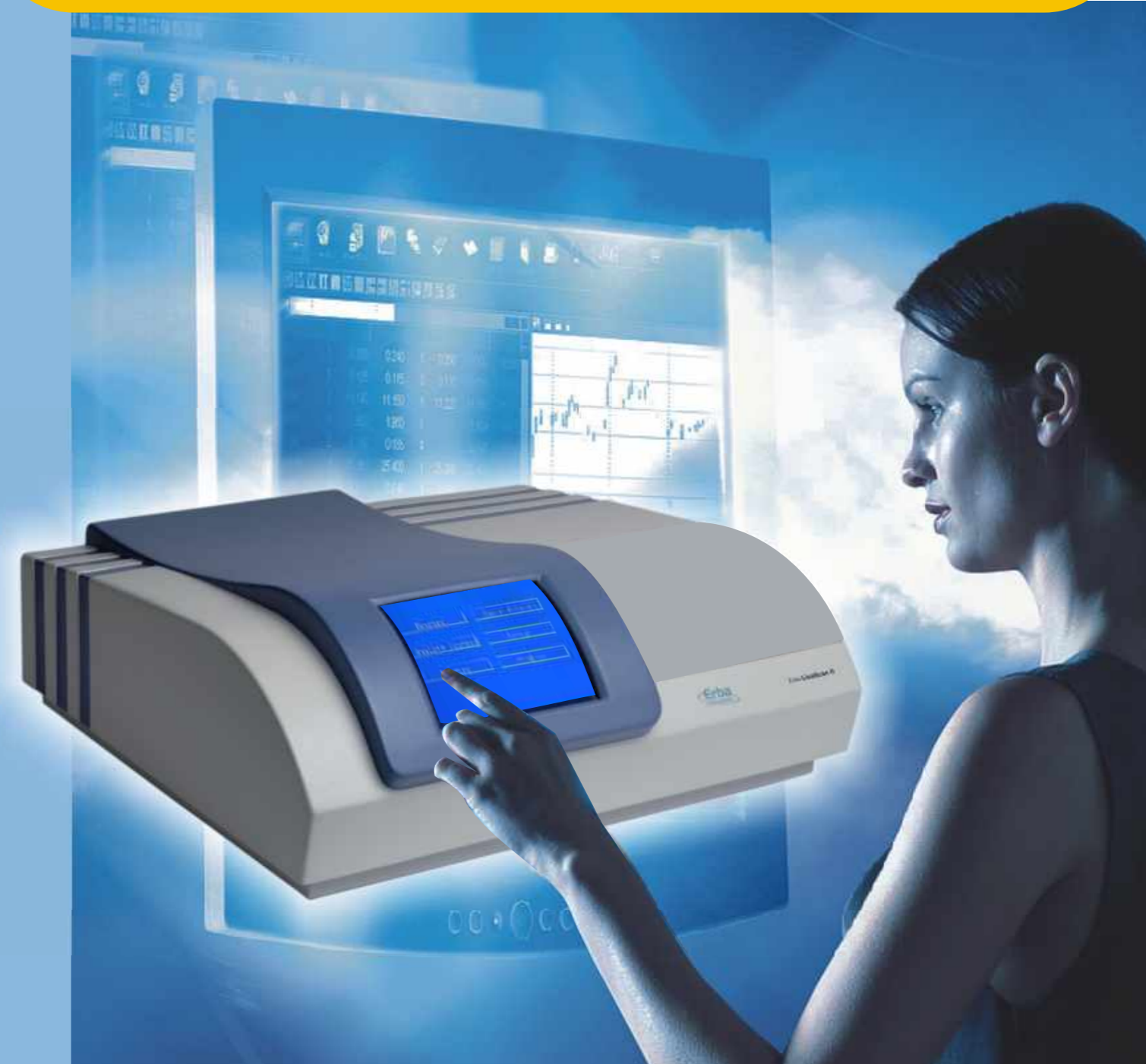
Operating Environment

- Power Supply : AC220V or 110V, 50/60Hz
- Input Power : $< 80\text{VA}$
- Ambient Temperature : 10°C - 40°C
- Storage Temperature : 10°C - 50°C
- Relative Humidity : Up to 90% relative humidity without condensation
- Weight : Appx. 7.5Kg (Bottles not included)

Erba ELISA Reader & Washer

Touch screen

Convenience at your fingertips



* Technical Specifications are subject to change without prior notice

Erba LisaScan II™

Microplate Reader



● Touch Screen LCD

● On Board 3 Speed Linear Shaking

● Wavelength range 400nm to 750nm
7 Filter positions (405,450, 492, 630 nm with 3 Blank position)

● Lamp Saver Function

● 8 Channel Reading

● 42 Assay Protocols

● Mono and Bichromatic optics

● PC Software Available

Erba LisaWash™

Microplate Washer

● Touch Screen LCD

● 40 wash programmable protocols with 9 cycles each

● 8 types of microplates programmable

● Performs prime, top wash, bottom wash, cross wash (Flat Bottom wells) functions

● Facility to use Flat, U and V type well plates

● Option of 8/12 pin manifold

● Two speed aspiration adjustment

● Autoclavable, removable plate carrier

● Aerosol Shield Cover



ELISA KITS

Erba

INFECTIOUS



● ErbaLisa HIV 1+2

● ErbaLisa Hepatitis B

● ErbaLisa Hepatitis C

THYROID

● THYROKIT T3

● THYROKIT T4

● THYROKIT TSH

FERTILITY

● FERTIKIT FSH

● FERTIKIT LH

● FERTIKIT PRL

ToRCH*

● Toxo (IgG/IgM)

● Rubella (IgG/IgM)

● CMV (IgG/IgM)

● HSV1,2,1+2 (IgG/IgM)

* To be launched shortly.