

Erba LisaScan II™

Microplate Reader

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 (±2nm), Half width (≤12nm), Peak transmittance (≥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	:	±0.03A (0 - 2.5A)
Repeatability (CV, %)	:	≤1% Linearity

Wavelength Range (nm)	Absorbance	Linearity Error %
405 - 630	0.0-2.5	≤±2.5%

Stability	:	≤0.005A/10min
Reading Speed	:	Single wavelength <12s/plate (96-well plate); Dual wavelength <30s/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

Erba LisaWash™

Microplate Washer

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

Technical Specifications*

User Interface	:	Touch Screen LCD, 128×64 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 5µl increments
Dispensing Precision	:	< 5% at 300µl
Prime volume	:	50-700µl
Aspiration pressure	:	Programmable 2 Types
Soak time	:	1-255s
Residual volume per well	:	≤2µl for V/ U bottom plates, and ≤3µl for Flat bottom plates
Nos. of Bottles	:	2 Wash, 1 Distill Water, 1 Waste
Bottle capacity	:	>2L

Operating Environment

Power Supply	:	AC220V or 110V, 50/60Hz
Input Power	:	<80VA
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)

* Technical Specifications are subject to change without prior notice

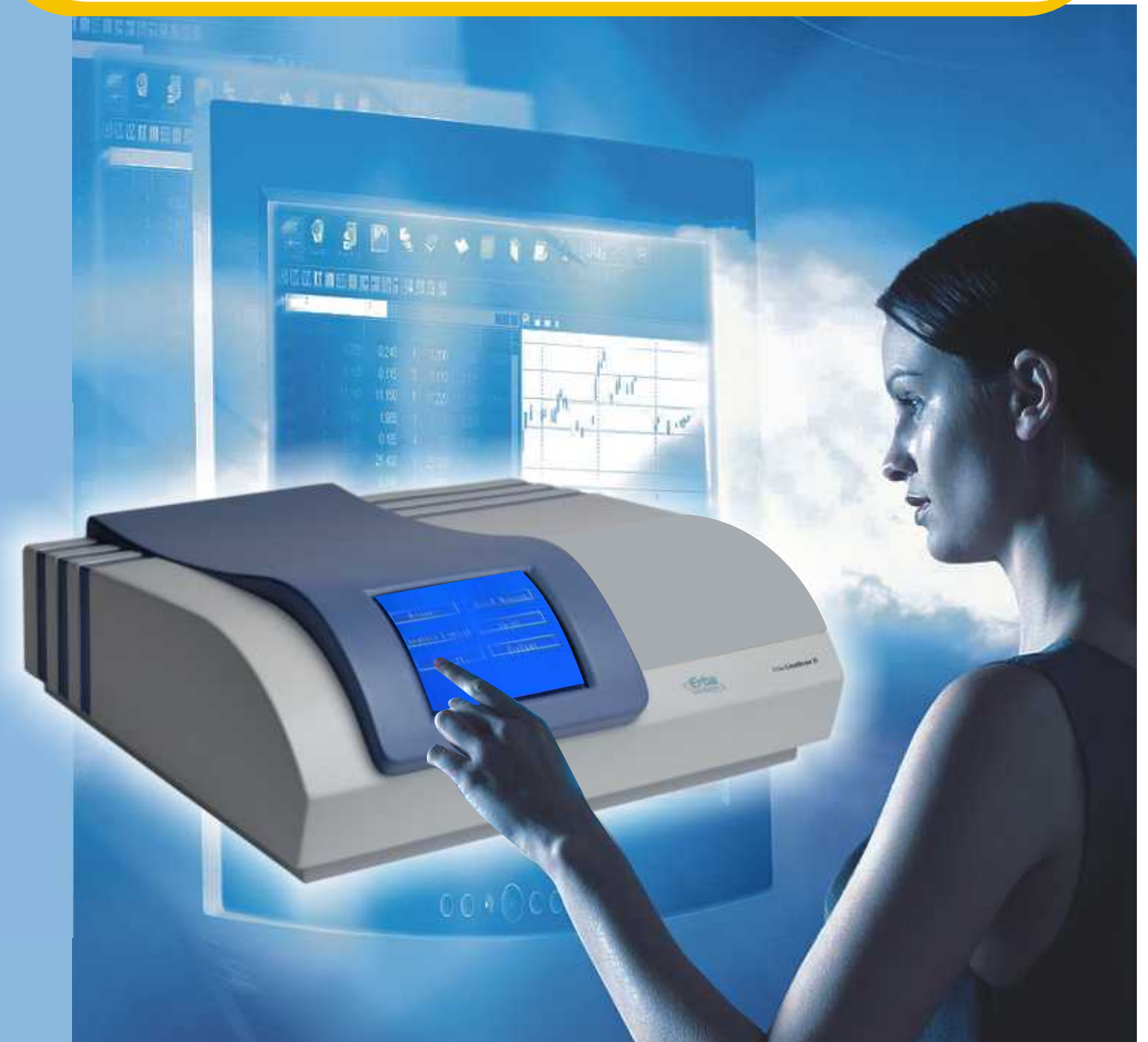
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Erba ELISA Reader & Washer

Touch screen Convenience at your fingertips



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.