



ELISA PROCESSOR

Fully Automated
Single Plate



OPEN SYSTEM

- Lorven Python can perform 7 simultaneous tests in a single plate
- All in one Reader, Washer, Incubator, Shaker
- Liquied Level Detection by using conventional cersem
- LIS computer support
- The python has an 8-channel washing head, the ability to adjust at room temperature and 37 degrees

DR NTR BIOSCIENCES PVT. LTD

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ELISA PROCESSOR

Fully Automated Single Plate

General Specification

One Plate Open Assays
7 Assay in one microplate (with harmonized procedure)
Qualitative and Quantitative Assays
Liquid Level Detector (LLD) with non-carbonate sampler Tips
Sampler Tip Rack (96 tips for 200uL and 40 tips pcs 1000uL)
3 Assays capacity for dilution with 39 vials
Dilution in vials and in microplate
Adaptable Gamma/CBC/micro tubes
Internal Barcode
Connectivity to the central computer

Reader:

OD (Optical Density) range: 0.000 ~ 3.000
Band pass filter: 450nm,630nm,492nm,405nm
Reader Mode: Single/Differential Filter
Accuracy: OD005.0+
Precision for $OD < 2.0$: CV<3% and for $2.0 < OD < 3.0$: CV<5%

Incubation and Shaker

Incubation Degree: Room Temperature and 37
Temperature Uniformity: 37+1 with PID algorithm control
Maximum time of incubation: 99 min
Shaker in linear movement
Shaker movement in 3 speed
Maximum time of shake: 99 sec

Software

Self Test mode
Quality control all parts with user
Westgard Quality control
Unlimited figure and save curve maximum with 8 standards
Save and modify the curves
Password entrance for user a
Ability to update software online (Us)
Results as PDF ,Excel, Word format EZ
RS232 connection aon



Pipetting

Two kind of sampler tip (200uL and 1000uL)
Maximum dilution rate 10uL/1000uL
Accuracy: Bias<3%
Precision: CV<5%
With no any drop on sampler tip

Washer

3 bottles (wash Buffer/Rinse/Waste)
Liquid Level detection sensors for bottles
8 channel Wash Head
Aspirate in two point of well
Maximum Wash cycle: 10
Soak Time: 99 sec

Physical Properties

Dimension: 55*70*57cm
Weight : 80 Kg
Voltage: 220+5V
Frequency: 50-60 Hz

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