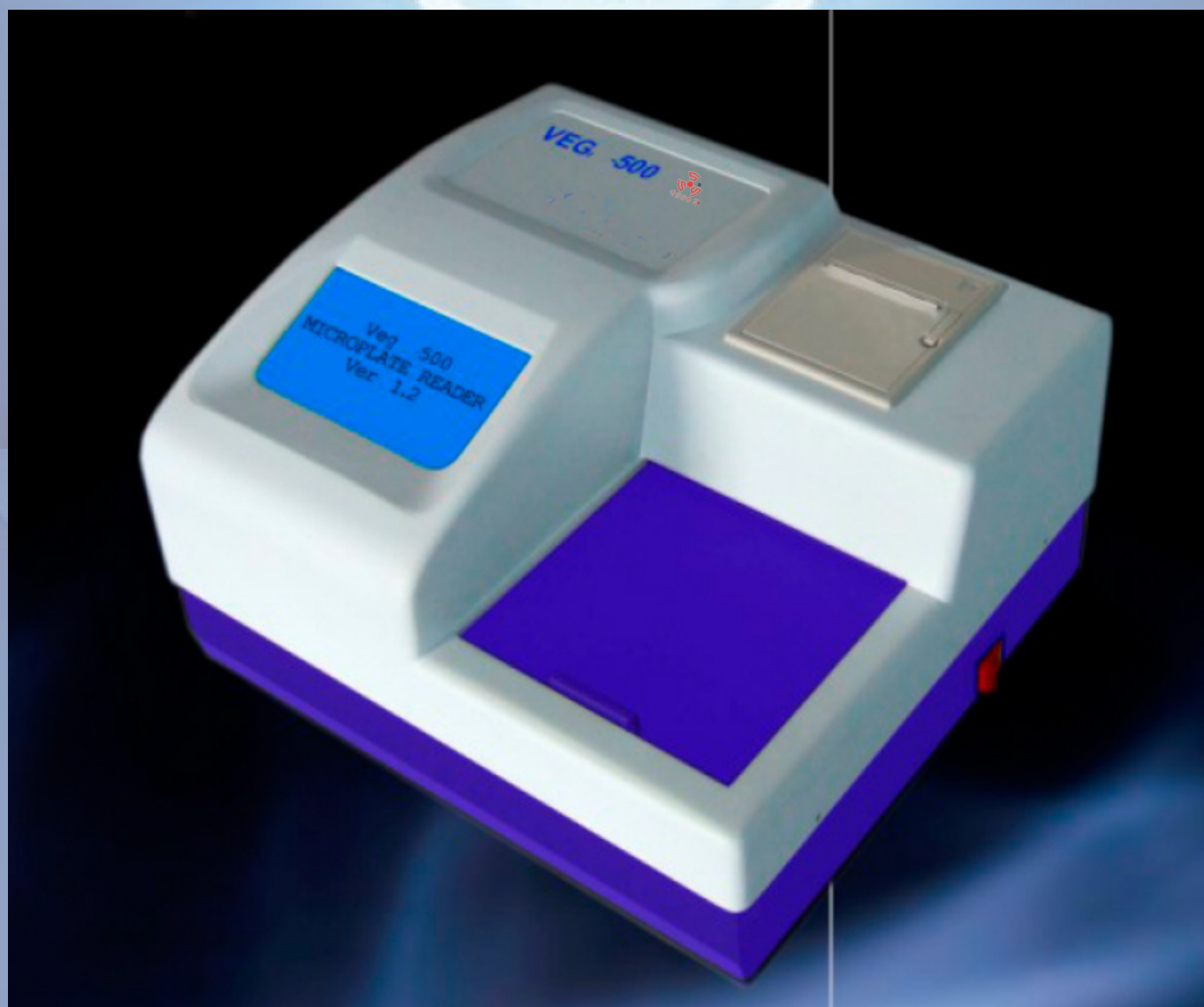


VEG



500



MICROPLATE READER

Main Features

- **Biochromatic optic system whit 4 wavelengths**
- **Touch Screen , easy to use**
- **Compatible with various microplate such as flat plate, U plate and V plate etc.**
- **Automatic calibration, plus efficient alarm function**
- **Quick testing, user friendly, reliable**
- **Various testing method which support qualitative test, quantitative test, grade test and kinetic quantitative test.**
- **Multi standard calibration, able to choose different formula such as linearity, quadratic curve, power function curve, exponential function curve, logarithmic function, cubic spline curve.**
- **Several blank mode can be selected**
- **Plate shake function can be adjusted**
- **Compact design, with internal thermal printer**

Technical Characteristics

Principle:	Absorbance
Wavelengths:	405, 450, 492, 630nm (filter from 400-700nm available on special order)
Measurement - Range:	0.000 – 3.500Abs
Linearity:	0 – 2.000Abs correlation coefficient >0.999 0 – 3.000Abs correlation coefficient >0.99
96 Well Accuracy:	Low Abs range <1.8% (0.200Abs) High Abs range <2,0% (2.000Abs)
Single Well Accuracy:	Low Abs range <1.0% (0.200Abs) High Abs range <1.5% (2.000Abs)
Resolution:	0.001Abs
Test mode:	Single and Double Wavelength auto test
Reading speed:	Single wavelength < 5 sec.
Mixer:	Variable time and vibration
Display :	LCD (240 x 128 pixel)
Input :	Touch panel and pen
Date Storage Capacity :	200 tests programme, 1000 plate tests result
Lamp:	Long Life Halogen Lamp
Operation Condition:	Humidity: < 85%
Power Supply :	AC 100V – 260V, 50/60Hz



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