



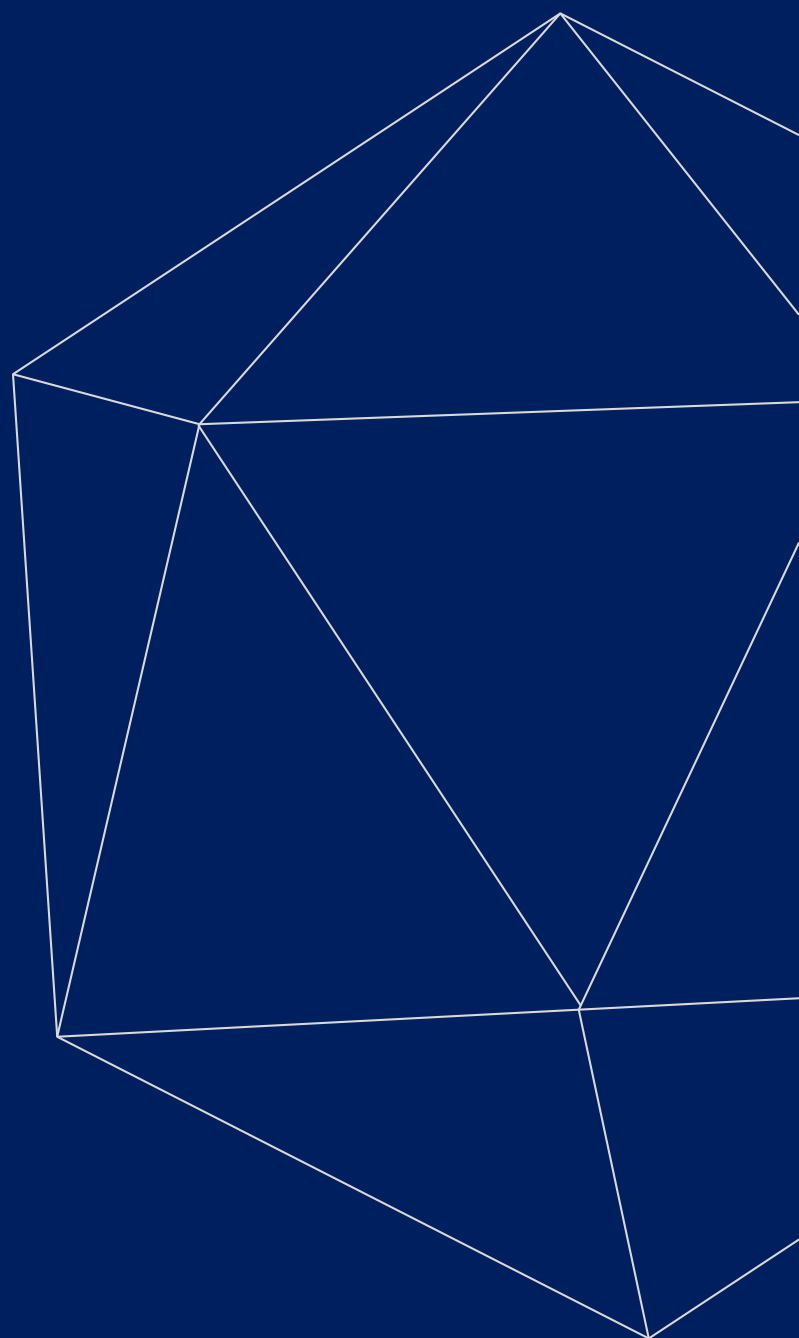
LABORATORY SECTOR

SPECTROPHOTOMETER



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KALSTEIN® Spectrophotometer
Micro Spectrophotometer
Model YR06034



Product Description:

YR06034 ultra-micro nucleic acid analyzer is an instrument used to detect the concentration and purity of DNA and RNA. The sample size required for each measurement is only 1 to 2 μ l. User can directly add the sample point to the template without coloring cup or capillary accessories. After the measurement, you can choose to wipe the sample directly or use a pipettor to recover the sample. All steps are simple and fast.

Features:

- ✓ YR06034 is a basic micro-volume UV spectrophotometer designed (only 3 types of wavelength: 260 nm, 280 nm and 365 nm) for the measurement of nucleic acids and proteins
- ✓ Android system operation, 7 inch touch screen no computer, APP software, simple interface, easy to use
- ✓ LED light source long-life components
- ✓ To detect the concentration of bacteria and microorganism are more convenient with the OD600 function
- ✓ Measures nucleic acid concentration at 260 nm and purity using the ratio 260/280
- ✓ Measure purified protein concentration at 280 nm
- ✓ The data can be printed with built-in printer, the data can output via SD-RAM card and USB memory



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KALSTEIN® Spectrophotometer

Micro Spectrophotometer

Model YR06034



Technical Description:

Model	YR06034
Wavelength range	260 nm, 280 nm
Minimum sample size	1-2.0 µl
Path length	0.5 mm
Light source	LED
Detector type	UV-sillion photocell
Spectral resolution	≤8 nm
Absorbance precision	0.005Abs
Absorbance accuracy	2 % (7.332Abs at 260 nm)
Absorbance range	0.2 – 50 A
Detects nucleic acid up to	10-2500 ng/µl (dsDNA)
Measurement time	<6 S
Data output	USB
Sample pedestal material	Aluminum alloy and Quartz fiber
Operating voltage	DC 24 V 2 A
Operating power	25 W
Standby power	5 W
Dimension (W×D×H) mm	208×280×186
Weight	3.6 kg
Software compatibility	Android system
Light source	LED
Wavelength range	600±8 nm
Abosorbance range	0-4 A



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