



UV/VIS Spectrophotometer

Single Beam



MODEL: KUV -300

SALIENT FEATURES:

- Imported Lamps: Uses highest quality of imported Deuterium lamp, Tungsten lamp & sensors.
- Low Stray Light: LUV-300 is made of high quality components and has perfect design which ensures low stray light.
- Stability & Durability: LUV-300 uses die-cast aluminium base which ensures instrument's stability & durability.
- Multiple Results: LUV-300 Can display wavelength, absorption & transmittance. It has a memory of 200 results & 100 standard curves.
- Standard Curve: LUV-300 Can set up various standard curves according to customer's solution and find the concentration of unknown solutions.
- Auto Setting: User can set wavelength automatically through arrow keys.
- Data Output: LUV-300 is equipped with USB port to connect to computer software.
- Wide functionality: Software enables Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis, Multi-wavelength test, etc.

The software is optional.



Fig.: Key Panel

Technical Specifications

Model	KUV-300
Make	KLABS
Bandwidth	2 nm
Cell Holder	10mm manual 4-cell holder
Optical System	Single Beam (1200 lines/mm Grating)
Wavelength Range	190 ~ 1100 nm
Wavelength Accuracy	± 0.3 nm
Wavelength Repeatability	± 0.1 nm
Wavelength Setting	Auto.
Photometric Range	-0.3 ~ 3A, 0~200%T, 0~9999C
Photometric Accuracy	± 0.05%T
Photometric Repeatability	± 0.2%T
Stray Light	± 0.05%T
Stability	±0.002A/h @ 500nm
Baseline Flatness	± 0.002A
Measurement Mode	T, A, C, E
Display	128 * 64 LCD
Detector	Imported Silicone Photodiode
Light Source	Imported D2 & Tungsten Halogen Lamp
Output	USB Port & Parallel Port
Power Supply	AC 220V / 50Hz
Dimensions	700 x 580 x 340mm & 20kg



Fig.: Multi-line LCD Display

STANDARD

ACCESSORIES:

- Software
- 10mm Glass Cuvette
- 10mm Quartz Cuvette
- Instruction Manual
- Power Cord