



UV-VIS SPECTROPHOTOMETERS



cs@irisanalytical.com



+1 706 760 4500



www.irisanalytical.com



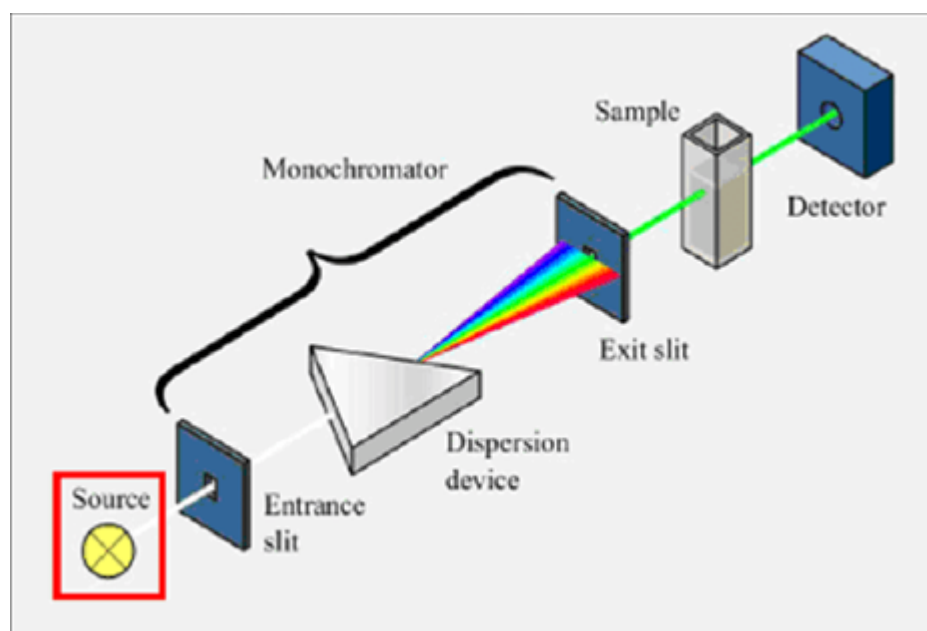
Our UV-VIS Spectrophotometer designed with a multiple-beam optical system. The range includes single beam entry-level spectrophotometers with a spectral bandwidth of 2.0 nm; split beam with a spectral bandwidth of 2.0 nm and double beam spectrophotometers with a spectral bandwidth down to 2.0 nm and is a quantitative technique used to measure light absorbance of chemical substance. Accomplish a wide range of applications including quality control, common research, pharmaceuticals, biochemical and clinical laboratory.

It is advanced high-speed spectrophotometers that are used to perform DNA and Protein estimation and standard curve routines content to differentiate between nucleic acid and sample contaminations.

Iris UV-VIS Spectrophotometer is a quick and easy to use, examining multiple samples within minutes.

Single Beam UV-VIS Spectrophotometers

A Single Beam Scanning Spectrophotometer used to measure the intensity of the incident light bypassing all light through the sample. Provide scanning capabilities and built-in 7-inch color touch screen display with local controlling. Design with real-time deuterium and tungsten light source for longer durability of the instrument. This instrument is specially designed for single-beam spectrophotometer covering 190 to 1100 nm with low noise: 0.004 A. ideal for photometry, quantity, multi-wavelength, spectrum, kinetics, DNA and Protein estimation, and standard curve routines and variable spectral bandwidth ranges from 0.5, 1, 1.8, 2, 4 to 5 nm.



Single Beam UV-VIS Spectrophotometer IUS-1000

Single Beam UV-VIS Spectrophotometer IUS-1000 offers superb application functions with accuracy and precision. It is the best instrument for various applications. Provide 1200 line grating single beam to ensure high resolution with wavelength availability of 190 to 1000 nm and 4 nm bandwidth, tungsten, and D2 lamp. A useful function is an absorption, transmittance, and wavelength with automatic switching mode.



- Equipped with a microprocessor to set parameter
- 1200 line single beam grating which ensures high resolution
- Designed with 128×64-inch and 320×240-inch LCD display
- Variable spectral bandwidth 0.5, 1, 1.8, 2, 4 and 5 nm
- Die-cast aluminum base materials
- Single beam spectrophotometer with highly stable optics
- Low stray light with $\leq 0.2\%$ T
- Automatic setting mode
- Designed with multi-lamp source
- Offer high-class grating hermetic light path to ensure low stray light
- Support USB Port & Parallel Port (Printer)

Single Beam UV-VIS Spectrophotometer IUS-2000 Series

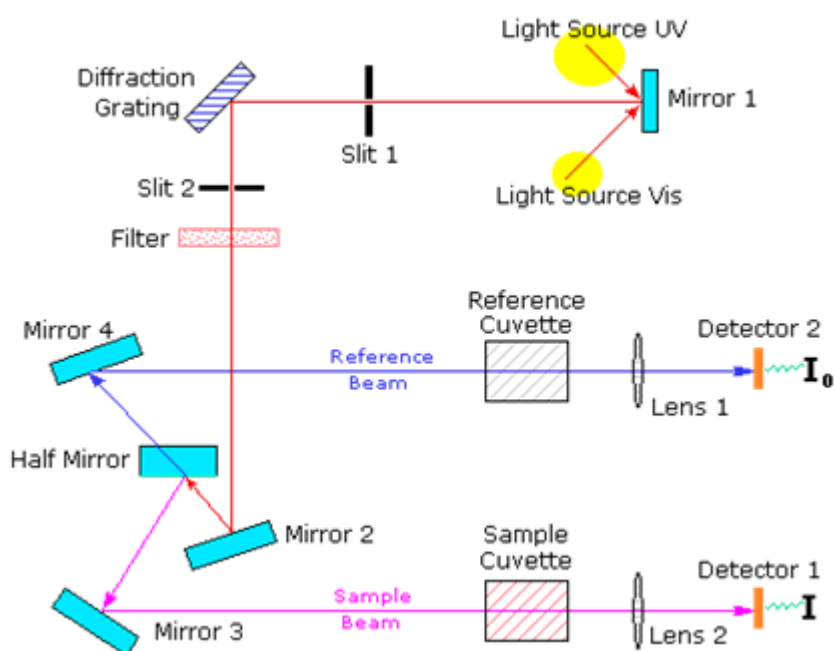
Single Beam UV-VIS Spectrophotometer IUS-2000 Series provide sufficient light source for exact measurement. Our line of spectrophotometers is intended to fit into for QC, common research, pharmaceuticals, biochemical and clinical laboratory. Build-in halogen tungsten light source and a silicon photodiode detector. We offer a soft keypad, with continuous wavelength ranging from 190 to 1100 nm with variable spectral bandwidth 0.5, 1, 2, 4, and 5 nm and 160 to 200 mm focal length and used to measure light absorbance of chemical substance. This series is suitable for measuring photometry, quantity, multi-wavelength, spectrum, kinetics.



- Adjustable spectral bandwidth 0.5, 1, 2, 4 and 5 nm
- Designed with 8-inch color touch screen display
- Wavelength range: 190 to 1100 nm
- Silicon photocell detector
- Double beam spectrophotometer with highly stable optics
- Low stray light with $\leq 0.2\%$ T
- CE certified and support USB interface to transfer data
- Used to measure a variety of unique surfaces
- Accomplish consistent and accurate colour measurement
- Ease rework and wasted materials
- Quick to meet customer demands

Split Beam UV-VIS Spectrophotometers

Split Beam UV-VIS Spectrophotometers also known as ratio beam spectrophotometer. This beam is generated by splitting of the light source in which two beams are generated where one is passing through the sample using a detector and the other beam is used to measure signal references. Split beam UV-Vis Spectrophotometers, with wavelength range 190 to 1100nm and 0.5 nm, 1 nm, 1.8 nm, 2 nm, 4 nm variable bandwidth.



Split Beam UV-VIS Spectrophotometers IUS-1000

Split Beam UV-VIS Spectrophotometers IUS-1000 is advanced high-speed spectrophotometers which are used to perform DNA and Protein estimation and standard curve routines content to differentiate between nucleic acid and sample contaminations. Our line of spectrophotometers is intended to fit into for QC, common research, pharmaceuticals, biochemical and clinical laboratory. Build-in halogen tungsten light source and silicon photodiode detector. We offer soft key pad, with continuous wavelength ranging from 190 to 1100 nm with variable spectral bandwidth 0.5, 1, 2, 4 and 5 nm and 160 to 200 mm focal length and used to measure light absorbance of chemical substance. Suitable for photometry, quantity, multi-wavelength, spectrum, kinetics.



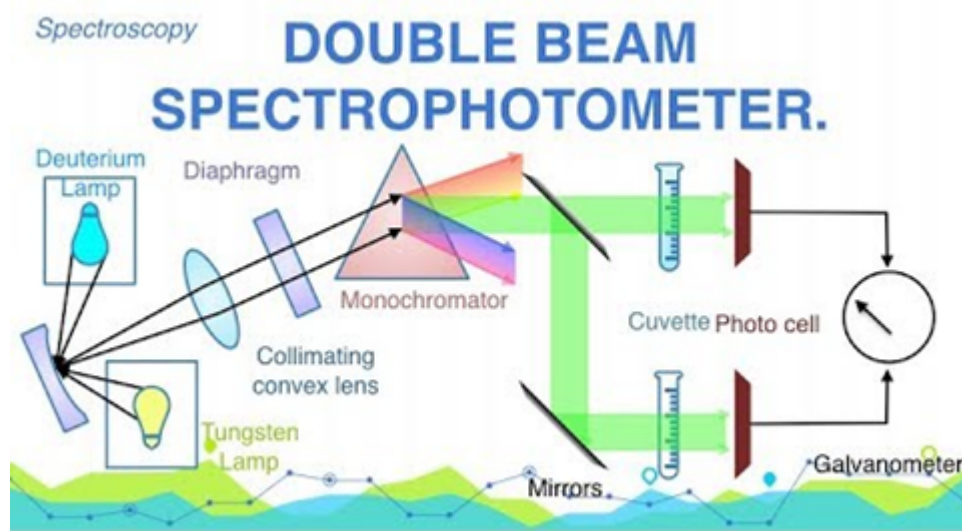
- Results can be reported quickly
- Large 6 inches blue LCD display with touch features
- Improved optical and electronic design
- Multi beam detector
- Automated design, realizing easy measurement
- Parameters can be kept for future use and automatically save after power failure
- CE certified and support USB interface to transfer data
- Used to measure a variety of unique surfaces
- Accomplish consistent and accurate colour measurement
- Ease rework and wasted materials
- Quick to meet customer demands

Double Beam Spectrophotometer

Double Beam Spectrophotometer provide s high stability, similar to a split beam by using to pass radiation to the sample and a mirror to reflect radiation to the blank instead of the beam splitter.



Design with two different display features including 320×240 and 10-inch touch screen display. Offer real-time deuterium and tungsten light source for longer durability of the instrument. This instrument is specially designed for a double beam covering 190 to 1100 nm with low noise: $\pm 0.001A/h$. Applicable for quantitative; kinetics; wavelength scan; multi-wavelength; DNA/protein and data processing.



Double Beam UV-VIS Spectrophotometer IDS-1000 Series

Double Beam UV-VIS Spectrophotometer IDS-1000 Series offers significantly better-quality and usability, a user-friendly touch screen display, design with 1200 line grating double beam spectrophotometer to ensure high resolution with wavelength availability of 190 to 1100 nm and 1.8 nm bandwidth, D2 Lamp & W Lamp. Useful function are photometric measurement, quantitative measurement, spectral scanning, dynamics, DNA/ protein testing, multi-wavelength testing and data printing functions.



- Equipped with microprocessor to set parameter
- 1200 line double beam grating which ensures high resolution
- Designed with 320×240-inch and 10-inch touch screen LCD display
- Variable spectral bandwidth 0.5, 1, 1.8, 2, 4 and 5 nm
- Die-cast aluminum base materials
- Single beam spectrophotometer with highly stable optics
- Low stray light with $\leq 0.3\% T$
- Automatic setting mode
- Designed with multi lamp source
- Offer high class grating hermetic light path to ensure low stray light
- Support USB Port, Parallel Port and Bluetooth connection available

