UV-VIS SPECTROPHOTOMETERS

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Micro-Spectrophotometer IMS-3000 Series allow instrument with a large concentration of nucleic acid range up to 2 to 7500 ng / µl (DS-DNA), protein range up to 0.01 to 100 mg/ml (BSA) without any samples dilution, with each measurement requiring less than 5 seconds with a pipette and wipe. The IMS-3000 offers dynamic full spectrum 190 to 840 nm detection to ensure exact results. Suitable for nucleic acids, proteins, with high accuracy and reproducibility.

The IMS-3000 is technologically advanced and delivered an 8-channels pipette to dispense samples on a linear array of stands, you can easily measure and make it easier to detect 8 samples at a time to save time and ensuring accurate results.

- Built-in Xenon flash lamp and touch display
- Full spectrum 190 to 840 nm
- Simple, less expensive, easy to use
- Fast measurement time in less than 5 seconds.
- The absorbance range is 0.002 to 150 abs
- Used 2048-element linear silicon CCD detector
- Designed for micro-volume 1 to 2 µl samples
- No dilutions required, even for high concentration sample
- 8 channel microsprctrophotmeter

Model	IMS-3000
Wavelength range	190 to 840 nm
Sample Volume	1 to 2 ?l
Wavelength Accuracy	± 1 nm
Wavelength Resolution	2 nm (FWHM at Hg 546 nm)
Source	xenon lamp
Repeatability	<± 0.5nm
Absorbance Range	0.002 to 150 (equivalent to 10 mm path length)
Sample Base Material	stainless steel and quartz fibre
Detector	2048-element linear silicide CCD array
Channel	8 channel(Detect 8 samples simultaneous)
Time Range	?5s
Display	Touch Display
Detects Nucleic Acid	2 to 7500 ng / ?l (DS-DNA)
Detects Protein	0.01 to 100 mg / ml (BSA)
Application	nucleic acids, proteins
Interface	USB
Electrical Requirement	
Catalogue No.	58090005-04

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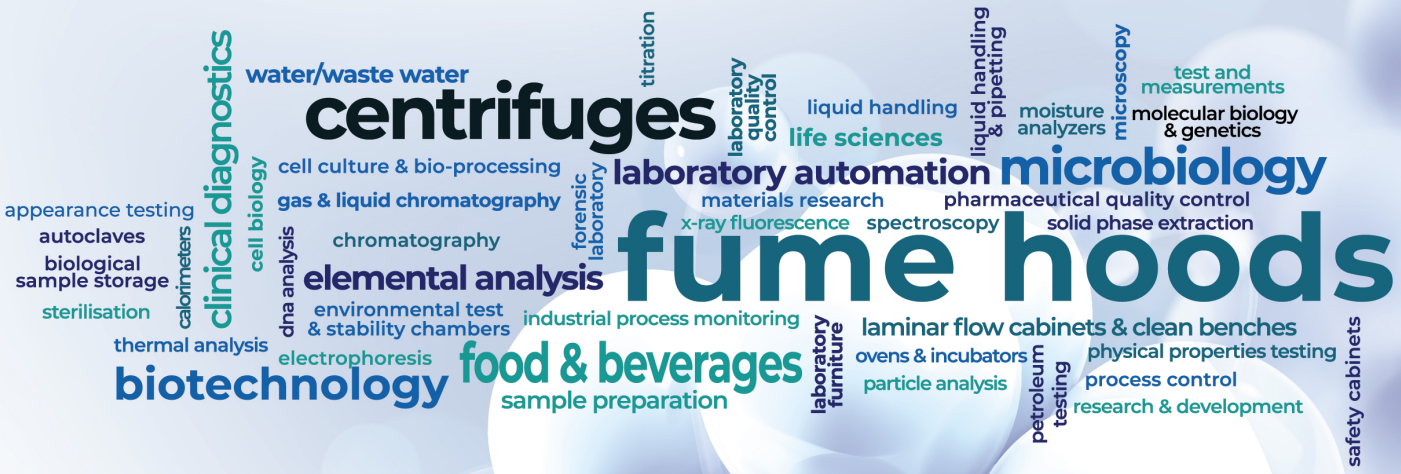

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