

722 Grating Spectrophotometer



AI Overview

The 722 grating spectrophotometer is a high-precision visible spectrophotometer with a 1200 lines/mm diffraction grating, wide wavelength range, and versatile sample handling for laboratory analysis.

Key Specifications and Features

- Wavelength Range: 325–1000 nm, covering the visible spectrum and near-UV, suitable for chlorophyll, heavy metals, and biochemical assays .
- Grating and Monochromator: High-performance 1200 lines/mm diffraction grating with CT-type or holographic blazed monochromator ensures high wavelength accuracy, low stray light ($\leq 0.1\%$ T), and good monochromaticity .
- Optical Resolution: 4–5 nm bandwidth, allowing precise distinction of absorption peaks for quantitative analysis .
- Detector: High-quality silicon photometric diode for accurate and reproducible measurements .
- Sample Compartment: Large chamber accommodating 5–100 mm path length cuvettes, including 100 mm holders for larger samples like plant leaves .
- Measurement Modes: Transmittance (T), Absorbance (A), Concentration (C), and optional functions like Factor setting and direct concentration readout .
- Stability and Accuracy: Instrument stability ± 0.001 A/H, transmittance precision $\leq 0.5\%$ T, ensuring reliable long-term measurements .
- User Interface: Backlit LCD or touch screen (depending on model), easy switching between modes, USB interface, and memory for storing concentration curves .

Article Content

722G ultraviolet / Visible uv vis spectrophotometer photometer,JW ...

2,holographic blazed grating C - T monochromator, with high wavelength accuracy, monochromatic good, stray light

722S Visible Spectrophotometer

★ 722SP visible spectrophotometer adopts reasonable structure and advanced optical system design, adopts high-quality C-T

722G VIS Spectrophotometer

722G VIS Spectrophotometer has been widely used in colleges and enterprises for general quantitative analysis and

722 Series Visible Spectrophotometer, Lab Spectrophotometer

About this item Lab Spectrophotometers 722 Series Visible Spectrophotometer, Lab Spectrophotometer Spectrophotometer

721/722 Visible Spectrophotometer

Specifications and main technical parameters: ... Characteristics The Monochromator with a holographic flashing grating is used. It

722G VIS Spectrophotometer

Large sample compartment, for 5 - 100 mm path length cuvettes with optional holders. Easy to change the halogen lamp or

JINGHUA 722 visible Spectrophotometer high resolution low stray light

The JINGHUA 722 visible Spectrophotometer uses a high-performance 1200L/mm grating and C-T monochromator structure, with

722N Visible Spectrophotometer

Description 722N Visible Spectrophotometer Features Uses microprocessor control technology, the UV-visible region of the

JINGHUA 722 visible spectrophotometer high performance grating,

JINGHUA 722 visible spectrophotometer, Wavelength range 330~ 1000nm, Light spectrum Bandwidth 4nm, with high resolution,

HINOTEK 722G/721G VIS Spectrophotometer

The HINOTEK 722G/721G series are economic visible spectrophotometers (325/340-1000nm, 5nm bandwidth) with manual

ATO Visible Spectrophotometer 721G 722G User Manual.pdf

721G/722G visible spectrophotometer enables quantitative and qualitative analysis of samples within the visible spectrum. It can be

721/722 Spectrophotometer_Shanghai Sunny Hengping Scientific

Suitable for the material content and quantitative analysis of the visible spectrum area, can be widely used in factories, schools,

DSH-722N Visible Spectrophotometer

DSH-722N Visible Spectrophotometer, find complete details about DSH-722N Visible Spectrophotometer, Visible

722 VISIBLE SPECTROPHOTOMETER|Material Testing Equipment

FeaturesAdvanced optical system,high quality C-T monochromator and sealed grating,ensure high resolution, high photometric

722 Vis Spectrophotometer Price

722 Vis Spectrophotometer Price, Find Details and Price about 722 Spectrophotometer Spectrophotometer

721/722 Visible Spectrophotometer

The Monochromator with a holographic flashing grating is used. It has the advantage of high wavelength precision, good

722N single beam visible Spectrophotometer

Labtech The 722N single beam visible Spectrophotometer is simply a cost low solitary beam noticeable spectrophotometer that will

Contact Us

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