Rydberg Constant Measurement (Complete Setup) ALE1012

Code: ALE1012 HSN: 9027 GST: 18% Brand: AVAIN LABS







AVAIN LABS® Rydberg Constant Measurement (Complete Setup) ALE1012

The AVAIN LABS® Rydberg Constant Measurement Apparatus ALE1012 is a precision optical physics laboratory setup designed for determining the Rydberg Constant through spectroscopic analysis and wavelength measurement experiments. This complete experimental setup is widely used in physics laboratories, engineering institutions, universities, and research centers for advanced optics and atomic physics studies.

Manufactured using high-quality optical and mechanical components, the apparatus delivers accurate measurements, stable performance, and reliable experimental results. The setup is specially designed to demonstrate the principles of atomic spectra, wavelength analysis, diffraction, and quantum physics concepts associated with the Rydberg Constant.

The apparatus includes a precision optical arrangement with diffraction and measurement components mounted on a durable base for easy alignment and smooth operation. Its laboratory-grade construction ensures long-lasting durability and repeatable accuracy, making it ideal for educational demonstrations and scientific research applications.

The AVAIN LABS® Rydberg Constant Measurement Setup provides students and researchers with practical understanding of spectral analysis and fundamental atomic physics concepts through precise and efficient experimentation.

Key Features

- Complete setup for Rydberg Constant measurement experiments
- High-precision optical and spectroscopic components
- Accurate wavelength and spectral analysis
- Durable and stable laboratory-grade construction
- Smooth alignment and easy experimental operation
- Designed for advanced optics and atomic physics studies
- Suitable for repeated laboratory and research use
- Ideal for physics laboratories, universities, and engineering institutions
- Reliable performance with precise measurement capability

Applications

- Rydberg Constant determination experiments
- Atomic spectra and wavelength analysis
- Spectroscopy and optics laboratory studies
- Quantum physics educational demonstrations
- Scientific and research laboratory applications

Technical Specifications

Specifications	
Product Name	Rydberg Constant Measurement Apparatus
Model Number	ALE1012
Experiment Type	Rydberg Constant Determination
Application	Physics & Optics Laboratories
Setup Type	Complete Experimental Setup
Usage	Educational & Research Purposes

Available models (3)		
Cat. No.	**Size**	**HSN**
ALE1012-S1	Small	9027
ALE1012-S2	Large	9027
ALE1012		9027

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