

Microwave Lab Kit MK-3016



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Product Description:

Experiments

To prove **Bragg's Law using Microwave Diffraction Spectrometer**

- Microwave radiations are mono-chromatic, Plane Polarised and Coherent and they behave like waves. Many laboratory experiments in optics can be performed easily with simple microwave equipments, Reflection, Refraction and polarization including to prove Bragg's Law can be performed with this microwave Diffraction Spectrometer.
- It consists of a Goniometer with one stationary and other rotatable arms. Each of these arms has to adjustable stands. These stands holds the transmitting horn on one end and the receiver horn on the other.
- The Polyfoam containing the steel balls structure is kept in the center. A 0-360° found scale with a pointers is provided to read the position of rotatable arm.

Compact Microwave Labkit consists of the following Components and Instruments :

1.	Klystron Power Supply	KP-151
2.	Klystron Mount	X-2051
3.	Klystron Tube	2K25 or K27
4.	Variable Attenuator	X-5020
5.	Pyramidal Waveguide Horn	X-5041
6.	Detector Mount	X- 4051
7.	Mechanical Turn Table with crystal	
	Structure i.e. Diffraction Spectrometer	X-851
8.	Waveguide Stands	X-5035
9.	Cooling Fan
10.	Direct Reading Frequency Meter	X-4155
11.	Isolator	X-6021
12.	Coaxial to Waveguide Adapter	X-7061
13.	Coaxial Cable N to N	C-105
14.	VSWR Meter	VS-411

►► HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing	:HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
Trainings	:We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.
AMC's/CMC	:AMC's/CMC :We offer user training both in-House and at customer sites on PLC principles, operations, troubleshooting.
Validations	:Validations :We have protocols for carrying out periodic Validations as per GLP/ GMP/U SFDA norms.
Instruments	:Instruments :We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



►► About Analytical Technologies

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►► Our Products & Technologies



►► Regulatory compliances



►► Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



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Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

►► Reach us @



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