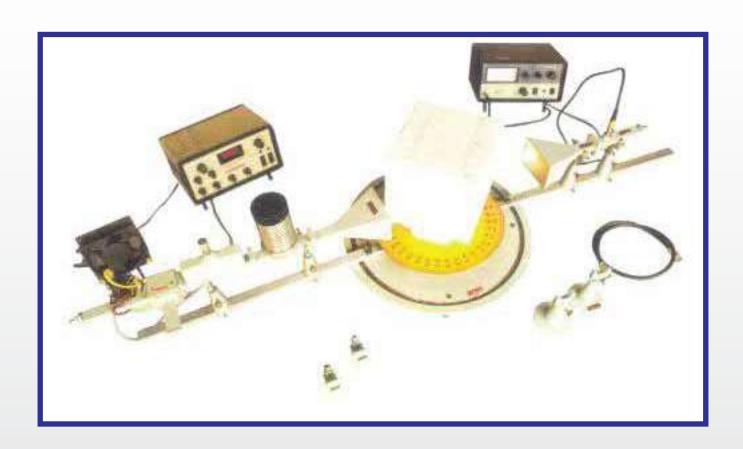




# Microwave Lab Kit MK-3016



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

# **Analytical Technologies Limited**

An ISO 9001 Certified Company

www.analyticalgroup.net



### **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: We have team of service engineers who can attend to any HPLC Servicing

make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenace 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 :We have protocols for carrying out periodic Validations as per GLP/ **Validations** 

GMP/U SFDA norms.

Instruments :Instruments :We offer instruments / Renting Services Modules like pumps,

detector etc. on Rent.





### **▶▶** About Analytical Technologies

synonymous for offering technologies Analytical Technologies is for doina and is the Fastest Growing Global Brand having presence in at least 96 countries across the globe. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing. Manufaturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Clinical Diagnostics, Material Science & General Laboratory Bio Medical, Technology. Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers, Distributors & Channel partners worldwide.

### Our Products & Technologies



UV/VIS Spectro 2060+ **Double Beam** 



**FTIR** 



Gas Chromatograph 3000



Gas Chromatograph 2979 Plus



Flash Chromatograph



**Atomic Absorption** Spectrophotometer



**Liquid Partical** Counter



**Optical Emission** Spectrophotometer



DSC/TGA



NOVA 2020 plus Automated Bio Chemistry



**HEMA 2020** Hematology Analyzer



Micro Plate Reader/Washer



**URINOVA 2800** Urine Analyzer



**Total Organic** Carbon



**Fully Automated** CLIA



NOVA Basic Semi-Auto Chemistry Analyzer



PCR/Gradient PCR/ **RTPCR** 



**Blood Gas** Analyzer



Random access Analyzer forimmunoassay Proteins & clinical chemistry



Semen Analyzer



Water purification system

### **▶▶** Regulatory compliances



### >> Corporate Social Responsibility



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

- 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 personallities 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 <a href="mailto:info@analyticalfoundation.org">info@analyticalfoundation.org</a>
- 2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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