

INFRA GRAIN

Grain NIR Spectrophotometer



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Product description :

The INFRA-GRAIN analyzer uses an optical design combining a holographic digital grating and a high-sensitivity indium gallium arsenide detector (TEC cooling thermostat) with a wavelength range of 1000 to 1800 nm (expandable to 1000 to 2500 nm) . Non-destructive and rapid detection of some physical and chemical components in solid particles, strips, powders and liquid samples by mobile phone and computer operation. The whole system is easy to operate, just place the sample tray on the sample stage, click on the measurement, and the instrument automatically completes the measurement analysis. It has a wide range of applications in the fields of feed production, grain and oil processing, grain acquisition, and breeding research.

►► Features :

1. Simple operation, no special training, no sample preparation, no damage to the sample;
2. The analysis speed is fast, and multiple indicators such as moisture, fat, protein, fiber and ash are detected simultaneously.
Indicators, amino acids and other indicators;
3. Suitable for a variety of sample forms, such as granules, strips, powders and liquids, and the sample is simple and convenient;
4. Using grating scanning spectroscopy and indium gallium arsenide detector to ensure the stability of the instrument and better signal to noise ratio;
5. The instrument has built-in standard materials with automatic diagnosis and fault prompting function;
6. The light source adopts self-collimation module design, which can be easily replaced without adjustment.
7. Good model transfer between multiple instruments;
8. Simple interface, simple operation, is a professional software that integrates instrument operation, modeling and data processing ;
9. Support network connection function, convenient instrument daily maintenance and model upgrade service.

►► Advantages and benefits of our infraGrain NIR grain portable Analyzer over others in the market :

1. It contains battery, so the customer can take it to the field. the battery lasts atleast 8-12 hours, usable in extreme temperature conditions ambient to -25°C
2. The customer can use mobile to connect to the analyzer, very convenient connectable to blue tooth and wifi.
3. It can analyse not only grains but powder samples also which other competitors can not do. This feature is useful to check quality of grain powders, processed foods etc.,.

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 HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory 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 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



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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