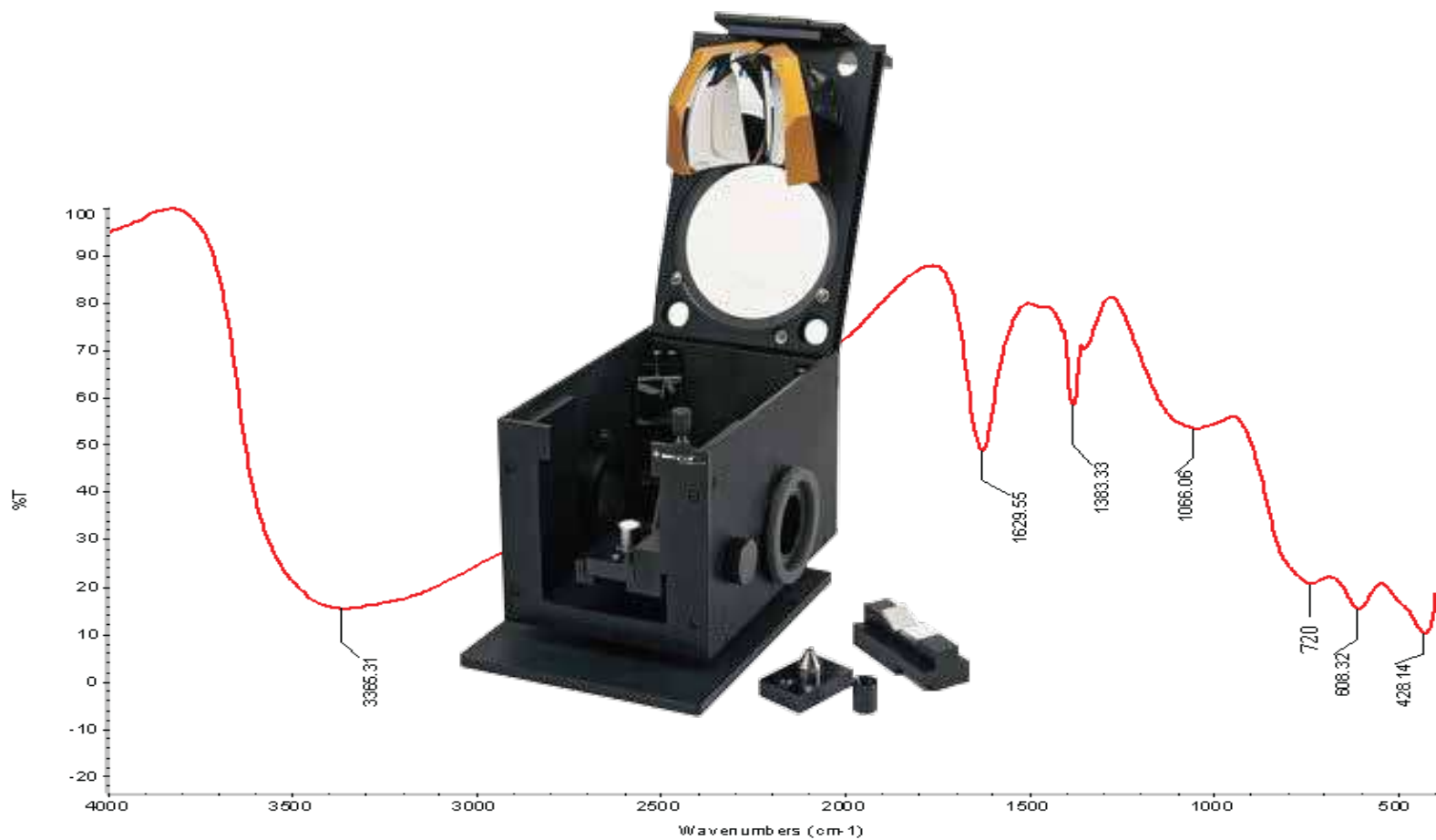


# Diffuse Reflectance Spectro ( DRS) Accessory



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

Analytical Technologies Diffuse Reflectance Accessory is ideal for the characterisation of small quantities of solid materials or powders. Traditional diffuse reflectance accessories require large volumes of powders or solids approximately 0.5in. in diameter. The Praying Mantis Accessory allows a diffuse reflectance measurement on samples as small as 3mm in diameter.

## ►► Description

Optional reaction chambers allow you to access temperatures from liquid nitrogen to 600°C and pressures from high vacuum to 500 psi. Run reaction gases through the system to study catalysts under reaction conditions.

### High-Performance Design

- Uses all-aluminum coated optics rather than traditional integrating spheres in its design
- Integrating spheres limit the wavelength range in the ultraviolet region
- All-specular optical system uses the full wavelength range of the instrument down to 190nm.
- Can be used with our Spectrophotometers, which has an upper wavelength range of 1100nm, providing extended wavelength coverage in the NIR region without having to purchase a more expensive UV-Visible or NIR instrument

### Flexible Sampling Options

- The sample chamber can be purged with an inert gas such as dry nitrogen, which allows the characterisation of samples that may be oxygen- or moisture-sensitive
- Optional reaction chambers are also available for the study of samples at a wide variety of temperatures and pressures
- Temperatures can be controlled from -150° to +600°C, and variable vacuum control is available

### Convenient Analysis

- Can be used with the sample compartment open for added convenience when mounting and removing samples
- Also for mounting the low/high temperature reaction chamber for temperature studies

### Compatible with:

- For use with the Analytical Technologies UV-Visible Spectrophotometers

▶▶ **Servicing, Validation, Trainings and Preventive Maintenance :**

- Servicing : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings :We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- 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 globe. 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 Partical 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](mailto: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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