

SA - 3650

Sugarcane Analyzer



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

The SA-3650 uses state-of-the-art near infrared technology to bring high accuracy NIR analysis into the feed mill or on-farm. Produce closer to specification and get a consistent final product quality.

►► **Control feed and forage quality**

Analyse all incoming and outgoing deliveries with one simple analysis in less than a minute and increase your sampling frequency without extra cost. Get immediate results that enable you to stop poor quality products at the gate.

►► **Ready-to-use calibrations for feed and feed ingredients**

The SA-3650 can be pre-calibrated for the basic parameters that have the greatest impact on production costs. Based on a range of samples taken from all over the world, global calibrations are robust, require low maintenance and are ready to use right from day one.

►► **Easy to operate with intuitive touch screen**

Easy sample preparation and intuitive touch screen interface allows anyone to run analysis with a minimum of training. Remote instrument monitoring allows NIR experts to troubleshoot and diagnose performance issues without interrupting operations.

►► **Sample type**

Direct measurements of feed and forage samples in ground or unground form, for example direct measurement of pellets

►► **Parameters**

Calibrations include: Fat, protein, moisture, ash, starch and crude fibre, as well as NDF and ADF for forage.

►► **Technology**

Diode array (DDA) based NIR reflectance and transreflectance analyser with a versatile scanning range of 1100 - 1650 nm.

►► Specifications

Feature	Specification
Dimensions (w x d x h)	230 x 530 x 280 mm
Weight	16 kg
Degree of protection	IP 65 (dust and water proof)
Measurement mode	Reflectance or transmittance (for liquid samples)
Wavelength range	1100 - 1650 nm
Detector	256 pixel InGaAs diode array
Optical bandwidth	10.44 ±0.5 nm
Spectral resolution	0.5 nm/data point
Number of data points	1100
Absorbance range	Up to 2 AU
Analysis time	<1 minute*
Wavelength accuracy	<0.5 nm
Wavelength precision	<0.05 nm (standard deviation)
Wavelength temperature stability	<0.02 nm/ °C

►► Installation Requirements

SA-3650	
Voltage supply	100 - 240 V AC*, frequency 50 - 60 Hz, Class 1, protective earth
Ambient temperature	5 - 40°C
Storage temperature	-20°C to 70°C
Ambient humidity	< 93% RH
Mechanical environment	Stationary during use
EMC environment	Laboratory use, industry requirements

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



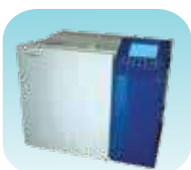
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3007



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Spectrophotometer



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Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



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Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
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Ion Chromatograph



Water purification
system

Regulatory compliances



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



Analytical
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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.



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