

IDL - 3111

INFRARED DIODE LASER AT 785 nm



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

Analytical Technologies Limited

An ISO 9001 Certified Company

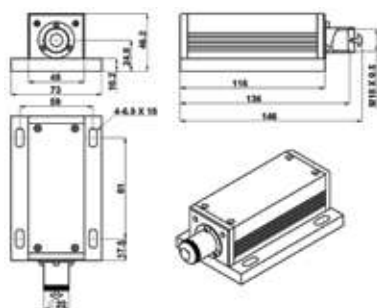
www.analyticalgroup.net

►► Introduction

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are specially designed for Raman spectroscopy, measurement, communication, spectrum analysis, etc.

Central wavelength (nm)		785±0.5
Operating mode		CW
Output power (mW)		>1, 50, 100, ... ,600
Power stability (rms, over 4 hours)		<3%, <2%, <1%
Transverse mode		Multimode
Spectral line width(nm)		0.2 (0.1, 0.06 optional)
Dimensions of beam at the aperture (mm)		~10×1
Beam divergence, full angle (mrad)		<3. 0
Warm-up time (minutes)		<5
Beam height from base plate (mm)		24. 8
Operating temperature (°C)		10~35
Power supply	85-264VAC	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz -100kHz)
TTL / Analog modulation		TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional
Expected lifetime (hours)		10000

IDL-III-3111-Lock



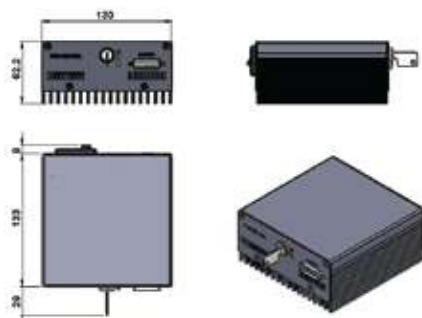
146 (L) ×73(W) ×46.2 (H) mm³, 0.7kg

PSU-III-LED



188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg

PSU-III-FDA



171(L) ×130(W) ×62.2 (H) mm³, 1.2kg

PSU-A-D



162(L) ×144(W) ×70 (H) mm³, 1.0kg

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



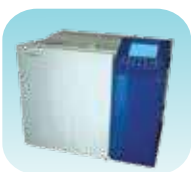
UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



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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



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CLIA



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RTPCR



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Size Analyzer



Ion Chromatograph



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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.



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