

UPE - 3480

Ultrasonic Phaco Emulsifier



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► DESCRIPTION:

- All parts of the system are fully controlled and monitored by Microprocessor Technology:
- Smoothly and efficiently controlling the emulsifier process with digital frequency tracing technology of handpiece
- Easy operation and user-friendly interface with large touch screen TFT and functional menu
- Up to 10 sets of parameters preset meets different requirements and simplifies the surgery operation
- Auto test checks tubing and handpiece problems (e.g.: block or leakage)
- The peristaltic pump gives complete control of aspiration flow rate as well as freedom from anterior chamber shallowing. This way can give stronger suction when working in I/A
- Built-in vitrectomy and cautery.
- Intelligent voice reminder

►► SPECIFICATIONS:

Ultrasonic Emulsification

1. Frequency: 40KHz
2. Functional mode: Continuance, Pulse, Linear, Burst
 Continuance: Emulsifying power range: 0-100%
 Pulse: Frequency range 1-99Hz
 Linear: Emulsifying power linearly controlled by the footswitch, varies between 0-100%
 Burst-stopping time: 0-1.5s
 Burst-working time: 5-100ms
3. Maximum Vacuum: 500 mmHg
4. Maximum flux rate: 40 ml/min

Irrigation/Aspiration (I/A)

Flux rate: 0-40 ml/min
 Reflux rate: 20ml/min
 Max vacuum: 0-500 mmHg

Vitrectomy (VIT)

Cutting power source: Air pump
 Cutting frequency: 20-60/min, single cut mode
 Maximum vacuum: 500 mmHg
 Maximum flux rate: 40 ml/min

Cautery

Maximum power: 10w +/- 20%
 Type: Bipolar
 Power preset between: 0-100%

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



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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