

ECM - 3800

Electro Cautery Machine



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

A kind of electrocautery Machine to replace the mechanical scalpel for tissue cutting. It heats up the tissue by contacting the body with the high-frequency and high-voltage current generated by the tip of the effective electrode to achieve the separation and coagulation of the body tissue, so as to achieve the purpose of cutting and hemostasis.

►► Application:

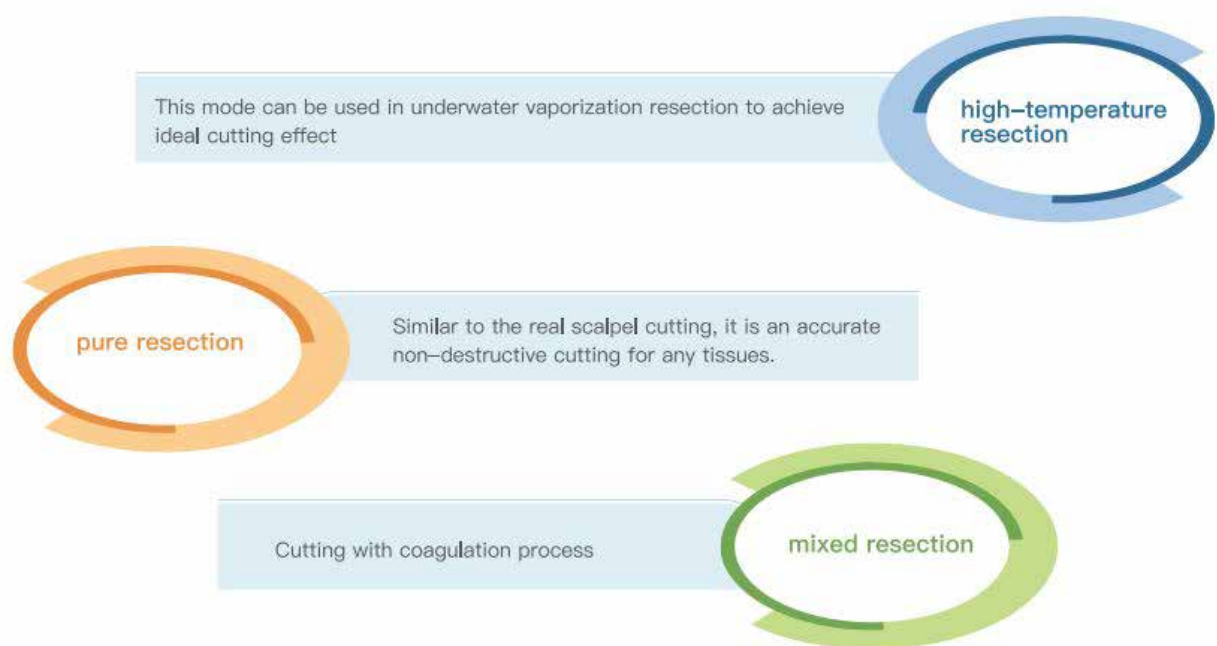
General surgery, orthopedics, obstetrics and gynecology, urology, cardiothoracic surgery, anorectal surgery.

Available in Neurosurgery, microsurgery, ENT, plastic surgery and ect.

Under low power mode, cooperated with endoscope, laparoscope, cystoscope for minimally invasive and intracavitary surgery.

►► Features:

1. Automatic control technology, accurate and fast automatic adjustment of parameters.
2. Better operation visual field and less smell during operation
3. People oriented low-risk design, various monitoring systems to reduce the risk of surgery



►► Intelligent coagulation:

Forced coagulation

Point coagulation—contact hemostasis, efficient coagulation and electrocoagulation result

Bipolar coagulation

For neurosurgical or general bipolar electrocoagulation procedures, achieving tissue or vascular coagulation between two forceps

Jet coagulation

area coagulation — The surgical electrode no need to touch biological tissues, it is suitable for hemostasis on a large surface (it can produce argon ions for electrocoagulation by cooperating with an argon controller)

Soft coagulation

Rapid contact coagulation—good for the healing after surgery, it is suitable for endoscopic surgery and other accurate tissue rapid contact coagulation



working mode	parameter	
hyper cut	350W	400Ω
pure cut	300W	400Ω
mixed cut 1	250W	400Ω
mixed cut 2	200W	400Ω
mixed cut 3	120W	400Ω
soft coagulation	150W	400Ω
forced coagulation	120W	400Ω
jet coagulation	100W	400Ω

►► Technical parameters:

Input voltage	AC 220V
Input frequency	50Hz
Working frequency	512KHz, 300KHz
Working mode	High cut, pure cut, blended cut, endoscopically cut, soft coagulated, forced coagulated, jet coagulated, bipolar coagulated



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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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

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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