

ISC - 3011

ion sputter coater



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Analytical Technologies Limited

An ISO 9001 Certified Company

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▶▶ **ion sputter coater**

- Glass Processing Chamber: f 100mm; 130mm High
- Specimen Stage Size: f 40mm(Hold 6 Specimen Cups)
- Golden Target Size: f
- Vacuum Detection: Pirani Gage
- Vacuum Protection 20pa With Microscale Inflation Valve
- Medium Gas Argon Or Air With Argon Gas Special Air
- Inlet And Gas Regulating In Microscale



▶▶ **What Can Ion Sputtering Coater Do?**

Use 1: SEM sample preparation. A conductive layer of several nanometers to tens of nanometers is plated on the non-conductive sample to improve the surface conductivity of the sample, eliminate charge accumulation, and improve the clarity of electron microscope images.

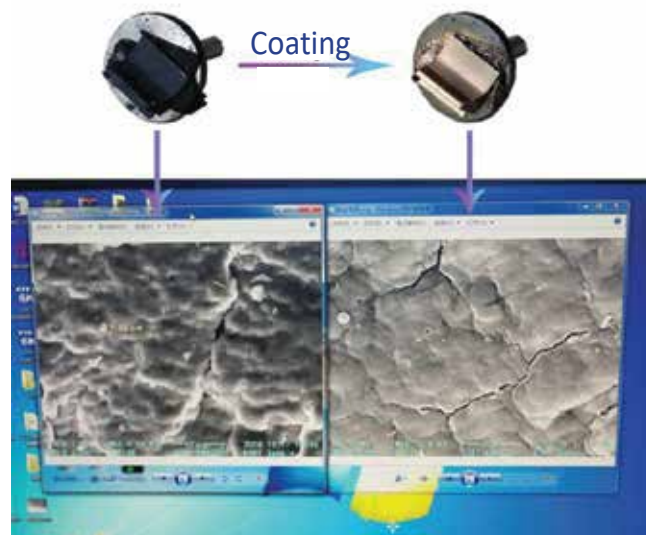
Use 2: Electrode preparation. A conductive layer of tens of nanometers is plated on the non-conductive substrate to improve the conductivity and serve as the electrode of the battery material.

Applicable samples: no thermal damage to the sample, suitable for all samples

Applicable targets: gold, platinum, silver, copper, antimony, tin, zinc

ISC-3011ion sputter coater	
Vacuum Chamber	Dia. 100mm*H130mm
Specimen Stage	Dia. 40mm (Hold 6 Specimen Cups)
Gold Sputtering Target	Dia. 58mm*0.12mm(thickness)
Vacuum Gauge	Pirani Gage
Vacuum Pump	Rotation Vane Pump: 2L / s
Vacuum Protection Point	20Pa With Microscale Inflation Valve
Working Gas	Argon or air with argon gas special air inlet and gas regulating in microscale
Sputtering Voltage	1.6KV
Gross Weight	48kg
Compliance	CE

The Effect was Observed Before And After Gold Spraying Treatment



▶▶ PRODUCT DISPLAY

To optimize the conductivity of non-conductive samples and improve their ability to observe under scanning electron microscope



The Pump Used To Make Low Vacuum For Ion Sputtering Coater

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.

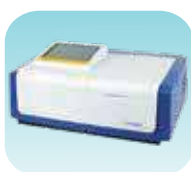
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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.

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Spectro 2080+
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Optima Gas
Chromatograph
3007



Optima Gas
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2979 Plus



Flash
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Atomic Absorption
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



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.



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