



ICP OES 3500

Inductively Coupled Plasma Optical (Atomic) Emission spectrometer

ICP-3500 is the first full spectrum direct reading ICP-OES researched by Analytical Technologies based on many years' developing experience of spectral analysis instrument, adopting the independently developed 2 d spectrometer echelle grating system, and auto-excitation type solid-state radiofrequency power supply, fusing together the most advanced high-speed CCD in the world, with high resolution, dynamic range, stable work and widely applicable etc, and is able to analyze 72 elements at most in the same time, the detection ability has reached the international advanced level.



- The full spectrum of direct reading optical system
- Auto-excitation type solid-state radiofrequency power supply
- Overflow-proof and scientific research level CCD
- The observation model can be configured
- Convenient operation
- Optimized intelligence source
- Automatically calibrated spectrum line
- A very short stability time
- Distributed intelligent sweep method;
- The interlocking power safety protection.



Technical features :

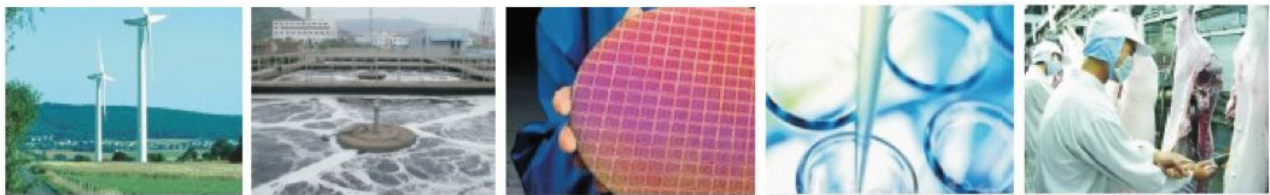
- Echelle grating system and prism consist 2 d cross dispersion optical system, covering 165 ~ 870 nm;
- Auto-excitation type solid-state radiofrequency power supply; Using the fastest frequency conversion matching, with plasma torch stability, hard to put out;
- Customized scientific research level and backside illuminated CCD, have the overflow-proof function, high signal-to-noise ratio, wide dynamic range;
- Light room multipoint array intelligent argon sweep, small argon gas consumption, thoroughly quickly replacement;
- Based on method library management software of the classification and version, facilitate the method management, maintain, and inheritance;
- Patented SAR automatic spectral lines separation function, benefit to eliminate spectrum line interference between elements;
- "One key type" operation mode and "the wizard type" analysis process designed by Analytical Technologies according to the customer demand, has improved the analysis efficiency effectively.

Accessory Composition



Applications Areas

Two-way detection model



Environment

Water quality

Semiconductor

Biology

Food

Vertical detection model



Metallurgy

Petrochemicals

Mining

Earth and Plants

Saltwater

»» 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 globe. 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.

»» Our Products And Technologies



Intelligent HPLC /
BioLC™ / nanoLC™



Automated GPC
system



Preparative Process
HPLC



Production HPLC



Amino Acid Analyzer



Ion Chromatograph



Gas Chromatograph



Flash Chromatography



FTIR Spectrometer



Spectro UV 2080+
Double Beam



Optical Emission
Spectrometer



DSC / TGA



HEMA 3210
Fully-automatic
Hematology Analyzer



PCR/
Gradient PCR/RT PCR



NOVA 2200 Plus
Auto
Chemistry Analyzer



URINOVA 2800
Urine Analyzer



Fully Automated
CLIA



Electrolyte Analyzer



Water Purification
System



Elisa / Microplate
Reader - Washer



HPLC Consumables



Bio Chemistry Reagents
Rapid Diagnostic kits



Urine Strips



Hematology
Reagents



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