Washer & Water System

GBW-1
Water purification System

Product Description

- GWB A reasonable pure water system for experiments should meet the requirements of experimental instruments, types of experiments, water quantity and water quality, and meet the requirements of flexible operation, safety, reliability, convenient operation and management, low operating costs, etc.

Product Application

- Basic use of water: glassware washing, reagent preparation, instrument and equipment heating water, etc; Chemical instrumental analysis: UV/VIS, AAS, IC, AFS, HPLC, GC, electrochemistry, particle count;
- Biochemical analysis: PCR, DNA sequencing, electrophoresis; animal and plant cell culture, molecular biology and other analytical methods of water.

D70E
Labware Washer

Product Description

- Laboratory glassware washer, commonly known as “bottle washing machine”, is widely used in chemical laboratories in various industries to help users solve the problems of washing utensils after experiments, and is widely recognized by users with mature cleaning solutions for special containers such as liquid phase vials, pipettes, volumetric bottles, etc.

Product Application

This product can apply to all laboratories in the following sectors but not limited to:

- Disease control industry like (Centers for Disease Control and Prevention (CDC) lab), and Institute for Endemic Diseases lab.
- Drug control research laboratory：drug control institutes, drug research institutions, drug manufacturers, and third-party testing institutions.
- Grain and oil detection industry: General analysis is "National Good Grain and Oil Project” National Academy of Grain and Oil Sciences

Service Scope

- Research Tech Sales
- Research Tech Management
- Specialized Research Tech Repair
- Research Consultancy
- Research Development

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MOLECULAR SPECTROPHOTOMETER

T7 UV-Vis

Description

T7 is a high-performance split beam scanning spectrophotometer available with variable spectral bandwidth, which is innovative in terms of instrument application, and mechanical and optical design. Electronic control and software enable this while maintaining features that are well-established and accepted throughout the industry.

Application: Education in universities and colleges laboratories, Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, and Gas & oil **plus more**

T7S UV-Vis

Description

T7S is a high-performance split beam scanning spectrophotometer available with variable spectral bandwidth, which is innovative in terms of instrument application, and mechanical and optical design. Electronic control and software enable this while maintaining features that are well-established and

Application: Education in universities and colleges, Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, and Gas & oil **plus more**

T7DS UV-Vis

Description

T7D/T7DS is a high performance double beam scanning spectrophotometer available with a variable spectral bandwidth, which is innovative in terms of instrument application, mechanical and optical design. Electronic control and software enable this while maintaining features that are well established and accepted through the industry.

Application: Education in universities and colleges: Determination of complex composition, obtaining kinetics curves, acid-base dissociation constant, photometric titration. Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, Gas & oil

MOLECULAR SPECTROPHOTOMETER

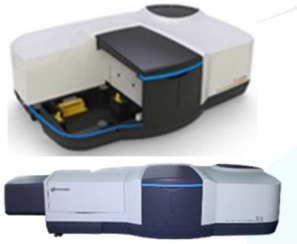
T8DCS UV-Vis

Description

T8DCS is a high performing double beam spectrophotometer with a continuously selectable spectral bandwidth from 0.1-5nm. It meets various demands for spectral bandwidth from users in different industries especially pharmaceutical industry and scientific research field. The Czerny-Turner Monochromator with a holographic grating keeps stray light to a minimum and offers excellent optical resolution.

Application: Biotech & life science, Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, Education in universities and colleges

T9DCS UV-Vis



Description

The optical design of T9DCS offers extremely low stray light characteristics (≤0.00004%T NaI,220 nm) which allow for an extensive photometric range (-8.0 – 8.0Abs). Measurements at deep ultra-violet wavelengths can also be achieved with the use of Nitrogen purged optics. The instrument can be optically configured to suit the needs of the sample using a continually adjustable slit for precise control of spectral resolution and beam size adjustment using an attenuating wheel.

Application: Biotech & life science, Environmental monitoring & control, Food & Beverage production and quality control,, Agricultural monitoring, Geology & Metallurgy, Clinical & forensic analysis, Education in universities and colleges laboratories, and Metrology verification.

T6V Vis

Description

T60V (Visible) is a split beam system operating within a wavelength range of 190-1100nm. The instrument has a switched model power supply accepting voltages in the range of 95-240V AC and supplied with either universal path length 5 cell changer or fixed path length 8 cell changer as standard. T60V delivers the functionality and accuracy of an advanced instrument at an affordable price.

Application: Education in universities and colleges laboratories, Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, Gas & oil

MOLECULAR SPECTROPHOTOMETER

T6U UV-Vis

Description

High quality optical components ensure reliable analytical data with low stray light achieved using very low noise electronic circuits. Deuterium and tungsten light source deliver superior stability across the full wavelength range. Both types of lamp have self timers and are inexpensive and easy to replace when required. With a focus on reliability in a compact footprint, PERSEE's entry level Spectrometers set a new bar for value and capability.

Application: Education in universities and colleges laboratories, Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, Gas & oil **plus more**

T7D UV-Vis

Description

T7D/T7DS is a high-performance double beam scanning spectrophotometer available with a variable spectral bandwidth, which is innovative in terms of instrument application, mechanical and optical design. Electronic control and software enable this while maintaining features that are well established and accepted through the industry. T7D/T7DS can carry out photometric measurements, spectrum scans, quantitative determinations, and DNA/Protein analysis.

Application: Education in universities and colleges laboratory, Environmental monitoring & control, Food & Beverage production and quality control, Agricultural monitoring, Geology & Metallurgy, and Gas & oil

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ATOMIC SPECTROPHOTOMETER

A3F

Description

A3F – The instrument is equipped with a flame atomiser only. The positioning of which is fully controlled by the embedded com-puter system and AA-Win 3.0 software. Three flame options are available to the user with the Air/Acetylene being the standard con-figuration. This flame can be used for nearly all standard elements while the N2O/Acetylene and the Air/LPG (Natural gas) are available as an option for the more demanding of elements. All three flame configurations offer coded burner for full safety protection.

Application: Environmental science, Agriculture, and potassium, Food science, Pharmaceuticals

A3G

Description

The A3G Atomic Absorption Spectrometer is a high-performance automatic instrument with graphite furnace atomization mode. It adopts multiple safety protection measures. Except for the power switch, all other controls are completed by computer, which not only ensures the reliability of the instrument, but also protects the safety of operators and equipment.

Application: Environmental science, Agriculture, and potassium, Food science, Pharmaceuticals

A3AFG

Description: A3AFG -The instrument is equipped with both Flame Atomizer and Graphite Atomizer as described above. Both configurations are installed into the instrument and can be changed over by a simple selection in the versatile AA- Win 3.0 software.

Application: Agricultural research, Environmental science, Food science research, Pharmaceutical research, Metallurgy research, Petrochemical research Administrative department of Government research center, Research and Education

ATOMIC SPECTROPHOTOMETER

AA990F

Description

The AA990F Atomic Absorption Spectrometer is a versatile entry level instrument with a computer controlled Air/Acetylene flame for general laboratory requirements. Due to its high sensitivity and excellent performance the instrument can be used for a wide range of applications

Application: Agricultural and environmental protection field research, Life science field research, Commodity inspection, food inspection field research, Metallurgy research, Administrative agencies, Government research, Petrochemical research, Environmental testing field, Geological exploration field

AA990G

Description

Unique graphite furnace design, the use of advanced transverse heating graphite furnace technology, to achieve uniform graphite tube temperature, reduce chemical interference and memory effect, which can not only ensure the improvement of atomization efficiency, but also prolong the service life of graphite tube, to ensure

Application: Agricultural and environmental protection field, Research and Education, Geological exploration field and mining, Environmental testing field, Commodity inspection, food inspection field, Metallurgy, Administrative agencies, Government, and Petrochemical

AA990AFG

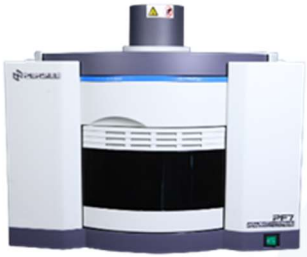
Description

AA990AFG is an atomic absorption spectrophotometer that combines the flame and graphite furnace into one instrument. It integrates the sample atomization methods of air-acetylene flame, hydride generation, and graphite furnace electrothermal heating. The instrument is operated automatically using the AAWIN software, making it highly automated, safe, and reliable. It is particularly suitable for industrial, mining, and vocational teaching applications.

Application: Agricultural and environmental protection field research, Research and Education research, Geological exploration field and mining research, Environmental testing field research, Commodity inspection, food inspection field research, Metallurgy

ATOMIC SPECTROPHOTOMETER

PF7



Description

PF7 Atomic Fluorescence Spectrophotometer is an excellent element analysis instrument which has the advantages of atomic absorption spectrophotometer and atomic emission spectrophotometer but overcomes their shortages in techniques. The instrument has good accuracy, high sensitivity, simple structure, small volume, and easy operation. It is designed to test elements that could easily form hydride, gaseous constituents or deoxidizes to atomic smoke. It is dedicated to the analysis of Arsenic(As), Mercury(Hg), Cadmium(Cd), Germanium(Ge), Selenium(Se), Lead(Pb), Bismuth(Bi), Tellurium(Ti), Tin(Sn), Zinc(Zn), Antimony(Sb) elements.

Application: Food & Beverage production and quality control research, Epidemic prevention and sanitation research, Agricultural monitoring research, Environmental monitoring & control research. Life sciences research, Metallurgical research, and Universities and colleges research

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X-RAY PRODUCTS

Series: XD-2, XD-3 & XD-6

Description

X-ray powder diffractometer is the basic instrument on studying and identifying the composition and structure of material.

Application

- The atom arrangement of all kinds of compound in material could be determined. Some particular performance of material is related with atom arrangement.
- The composition of material could be determined.
- The ratio of all kinds compound could be determined.
- The grain size, stress, texture, orientation and crystallibility.

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CHROMATOGRAPHY PRODUCTS

M7 Single Quadrupole GC-MS

Description

M7 Single Quadrupole GCMS is the new generation high performance Mass Spectrometer. The M7 is an accurate, reliable and precise system which is suitable to mass routine analysis and precise research application as well. The M7 MS could be widely used in food safety, environs*[1]*mental protection, material chemical industry, life science, medicine research, criminal investigation and many other fields, benefiting from its high performance, long service life and good after-sales service.

Application

Manufacturing: Used for process control and finished product inspection, e.g. food additives, fragrance ingredient analysis in cosmetics

Petrochemical: Used for process control, quality control and finished product inspection in oil exploration, oil processing industry

Environmental Monitoring: Used for monitoring of soil, water quality, air indoor environment, e.g. VOC, PAH, PCB, OCP etc.

Agriculture and Animal Husbandry: Used for pesticide residue, veterinary drug residue testing e.g. clenbuterol detection

Quality Inspection: Used for quality inspection in quality monitoring, import and export inspection and quarantine, quality supervision sector

Education and Research Institute: Used for experiments, research teaching and presentations in colleges, vocational institutes of technology

Pharmacitical industry: Used for quality control of drugs, drug raw material in pharmaceutical industry and determination of solvent residues.

Other Areas: Used for water quality monitoring in water plant drug testing in public security system.

CHROMATOGRAPHY PRODUCTS

G5 GC

Description

The computer-controlled system, large-screen LCD display, multiple temperature protection and data network transmission make it possible to realize the laboratory digital management. You can configure the modular to meet your application requirement. Anti-control software can realize more excellent expansion configuration, convenient, time and labor-saving. The stable gas flow and temperature control combined with high sensitivity detector bring you more accurate qualitative and quantitative analysis results. The new generation gas chromatography G5 bases on decades of R & D experience, with intelligent electrical control system, professional high-sensitivity detector and a full range of application solutions, is your trusted partner.

Application

Gas chromatography plays an important role in laboratory analysis. It also show a wide range of applications in petrochemical industry, coal mining and metallurgy, food safety, medical and health, environmental protection and water conservancy, university research and other industries.

High-quality G5 GC ensures accurate analysis results. The comprehensive solutions meets your application requirements. Excellent after-sales service makes you worry-free.

CHROMATOGRAPHY PRODUCTS

GC1100 GC

Description

Combined advanced international technologies and years of manufacturing experience in gas chromatography, GC1100 Series Gas Chromatography are developed by PERSEE.

GC1100 series gas chromatography has the full-featured, excellent performance, easy to use, emphasizing practical in design, with cost-effective and other practicality characteristics. The sensitivity and stability are greatly improved with advanced electronic technology. In the production process, the international norms of production management concepts and quality management procedures are used to ensure products with excellent performance and high quality levels.

GC1100 can be widely used in petrochemical, food safety, health and epidemic prevention, quality inspection, environmental protection, scientific research and other fields, the company has a group of experienced application technicians, to provide users with excellent technical support and perfect after-sale in time.

Application

GC1100 can be widely used in petrochemical, food safety, health and epidemic prevention, quality inspection, environmental protection, scientific research and other fields. High-quality GC1100 gas chromatograph can ensure the accurate results in analysis, a wide range of solutions to bring you widely choices, improved after-sales service make you worry-free

Modern Advance Research Technology

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