

AL-KHAZNAH EST.

For Sci. Med. Electronic Equipment & Chemical Products



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ABOUT US

The Al Khulifah Group of Companies was founded in Kuwait in 1977 by Dr. Bader Al Khulifah. The company grew and established itself under his eminent leadership, and was strongly supported by experienced management teams, high operational standards, and sophisticated infrastructure.

The Al Khaznah Establishment, being one of the business houses in the group, is well known as distributors for highly sophisticated laboratory instruments, medical and hospital equipment, electronic and scientific equipment, biomedical, chemical products etc. A dedicated group of professionally qualified and well-trained engineers helped Al Khaznah Establishment to have an unparalleled reputation in the maintenance of scientific and medical equipment in the country. Over the years, the Company has supplied and installed various major equipment to Ministry of Health (MOH), Kuwait Oil Company (KOC), Kuwait University (KU), Kuwait Institute for Scientific Research (KISR), The Kuwaiti Danish Dairy Company (KDD), Kuwait Flour Mills etc. The ability that the company possesses in taking up the challenges of the market, as well as one of the most dependable Preventive Maintenance Contractors (PMC), made Al Khaznah Establishment a leading supplier and maintenance partner in the field of Scientific and medical equipment.

Since inception, the Al Khaznah Establishment has built its business model by maintaining long term relationship with its clients and partners. The company believes and understand that great service and living up to the promises were critical to the business and holds on to those values till date. Foresight, energy, and a passion to be the best, drove Al Khaznah Establishment to explore new opportunities and to build strong and effective business partnerships on trust, integrity, and mutual benefit. Highly trusted and well recognized for its commitment to quality, Al Khaznah Establishment prides itself at being one of the most preferred business entities in Kuwait.

Our Chairman



Dr. Bader Al Khulifah (Retd. Brigadier)

Ph.D in Forensic Genetics (DNA) and Biochemistry & Genetics, UK

We take pride in being one of the best companies in the field of distribution and maintenance of scientific & medical equipment in Kuwait, having achieved remarkable growth over the last four decades. The Al Khaznah Establishment has attained prominence as a leader through competence, competitiveness and timely delivery with highest quality standards and recognized safety and environment performance. We have a long tradition of serving our valued customers to their complete satisfaction through efficient management and excellent workmanship, which we continue to maintain with our untiring efforts. Our success would not be possible without the contribution of our customers and dedicated employees who have shared in our incredible journey thus far. We continue to plan and work according to plans set, never forgetting to dream. To have a dream, passion and enthusiasm are crucial enablers for making success long term.

I extend my thanks to the governmental and the private sector owners of present and future projects, subcontractors, vendors and to our partners, without whom we would not have reached this far.

We look forward to continuing to serve and support all of you in our efforts to exceed expectations.



Find your way to our products



**LABORATORY
ANALYTICAL
EQUIPMENT**



**LABORATORY
FUME HOODS
& GLOVE BOXES**



**LABORATORY
SPECTROMETERS &
MICROSCOPES**



**LABORATORY
EQUIPMENTS**



**LABORATORY
GLASSWARE &
CONSUMABLES**



**LABORATORY
SCALES & METERS**



**LABORATORY
CABINETS
& FURNITURE**



**PREVENTIVE
MAINTENANCE**

Al Khaznah Est. offers a comprehensive range of laboratory equipment from Analytical instruments to laboratory glass wares. We offer solutions from pipettes for liquid handling, stirring water baths to dissolve solids in buffer and samples, gradient thermal cyclers and centrifuges. All of our products meet our strict quality standards. As a full-line distributor, we service every laboratory discipline through a team of experienced sales representatives and technical specialists.

We are the authorized dealers in Kuwait for:



Our Reputed Customers:





ANKOM

TECHNOLOGY



Since 1986 **ANKOM Technology** has been Helping to Feed the World with Innovative Analytical Instruments. An American company, ANKOM Technology Corporation has a reputation for quality and innovation. Constantly seeking to develop better methods for time consuming analytical methods ANKOM Technology focuses on customer needs. We offer equipment, instruments, chemicals, and other ancillary products to support fiber studies, accelerated solvent, crude and total fat extractions, in vitro and in situ research, anaerobic digestion and more. We work hard to minimize costs and maximize quality. There are laboratories in over 120 countries that rely on ANKOM products to reduce costs and increase accuracy and precision. Please consider registering on our site so we can assure you are up to date on any special programs or discounts.

ANKOM Technology developed Filter Bag Technology (FBT) to provide a state of the art, low cost, high volume alternative system for determining conventional fiber analysis.

Unlike most conventional methods, FBT allows for batch extraction and precise control.

ANKOM has advanced products for fat analysis that can rapidly perform extractions using solvents such as, Petroleum Ether, Hexane, or Ethyl Ether to mention a few.

ANKOM has developed the only fully automated instrument for Dietary Fiber available on the market today.

A. CRUDE/DETERGENT FIBER ANALYZERS

ANKOM 2000 Automated Fiber Analyzer

Fiber test results can be determined for Acid Detergent Fiber, Neutral Detergent Fiber, and Crude Fiber for all feeds and forages. The ANKOM2000 is accurate and precise when compared to conventional fiber methods.

The ANKOM 2000 eliminates chemical and hot water handling. Samples are prepared using ANKOM Filter Bag Technology and placed in a bag suspender. At that point the technician simply selects the analytical method on the computer controller and pushes a button. The system automatically adds the appropriate chemicals and performs the necessary rinses. The solution is heated and solubilization takes place without manual intervention. When the process is complete, the technician simply removes the bags and completes a final drying before weighing the samples.



Features

- » Supports Acid Detergent Fiber, Neutral Detergent Fiber, and Crude Fiber determinations for all feeds and forages.
- » Automatically adds required chemical and hot water rinses
- » Ability to process up to 24 samples at a time
- » Used by laboratories in over 120 countries
- » Filter Bag Technology encapsulates sample which prevents error and allows filtration to occur passively
- » Eliminates technician variability
- » Improves accuracy and precision
- » No separate filtration step
- » Reduces labor costs by more than 50%
- » Less bench space required



ANKOM DELTA Automated Fiber Analyzer

The ANKOM 200 Fiber Analyzer provides a low-cost alternative to the ANKOM 2000. Technicians simply add the required solutions and hot water rinses according to the method and the ANKOM 200 handles the rest.

Features

- » Supports Acid Detergent Fiber, Neutral Detergent Fiber, and Crude Fiber determinations for all feeds and forages.
- » Automatically adds required chemical and hot water rinses.
- » Ability to process up to 24 samples at a time.
- » Used by laboratories in over 120 countries.
- » Filter Bag Technology encapsulates sample which prevents error and allows filtration to occur passively.
- » Eliminates technician variability.
- » Improves accuracy and precision.
- » No separate filtration step.
- » Reduces labor costs by more than 50%.
- » Less bench space required.

B. TOTAL/CRUDE FAT EXTRACTOR

The ANKOMXT15 Extractor

The ANKOMXT15 Extractor provides an Official Procedure for efficient and economical solvent extraction.

It accelerates the process by performing the extraction under pressure at elevated temperatures. Capable of determining fats from 0% to 100%, the ANKOM XT15 Extractor allows extraction of up to 15 samples at a time and is capable of a total throughput of more than 150 samples per day. Solvent recovery and recycling is done automatically at a rate of 97% or greater.

Samples

Oilseeds, Meats, Feeds, and Foods.

Features

- » Official Crude Fat Extraction (AOCS Am 5-04)
- » Totally Automatic Operation
- » Filter Bag Technology
- » Up to 150 Extractions per Day
- » Microprocessor Controlled with LCD Readout
- » Solvent Recovery at a rate of ~97%
- » Solvent Usage per Sample ~ 0.5 ml
- » No Vent-hood Require

The AOCS Official Method Am 5-04 determines the substances extracted by petroleum ether under conditions of the test. This method is applicable to extractions of oilseeds, meats, feeds, and foods.



The ANKOMXT10 Extractor

The ANKOMXT10 Extractor provides an Official Procedure for efficient and economical solvent extraction.

The ANKOM XT10 Extractor is a lower cost semi-automated system with many of the features of the ANKOMXT15 Extractor at a lower cost.

Samples

Oilseeds, Meats, Feeds, and Foods.

Features

- » Official Crude Fat Procedure - AOCS Am 5-04
- » Low Cost & Easy-to-use
- » Up to 100 Extractions per day
- » Solvent Recovery at a rate of ~90%
- » Microprocessor Controlled with LCD Readout
- » Filter Bag Technology
- » Small Footprint

The AOCS Official Method Am 5-04 determines the substances extracted by petroleum ether under conditions of the test. This method is applicable to extractions of oilseeds, meats, feeds, and foods.

ANKOM HCI Hydrolysis System

The ANKOM HCI Hydrolysis System provides an easy method for performing the hydrolysis step in total fat/oil analysis.

Taking up little counter space, the ANKOMHCI allows for batch hydrolysis of up to 15 samples at a time. The technician inserts up to fifteen samples into the vessel, adds the acid solution and follows the system screen prompts. Once the program is selected the system automatically completes the process and rinses the samples.

Features

- » Automated High-Volume Hydrolysis
- » Includes ANKOMRD Dryer w/acid neutralizing filter, H35 Blotter & 100 - XT4's
- » Up to 15 samples at one time
- » Microprocessor Controlled with LCD Readout
- » Closed system.
- » Automatic Rinse cycles
- » Small Footprint



C. ANKOM TDF Fiber Analyzer



Samples

Processed foods, grain and cereal products, fruits and vegetables.

Features

- » Faster, Technician-free Filtering
- » No Clogged Filters
- » Reduced Labour Costs
- » Reduced per Assay Costs
- » Three Runs - 9 samples in duplicate/day/shift
- » Eliminates Water Baths and Filtration Flasks
- » Computer Controlled Operation
- » Automates AOAC 985.29, 2001.03, & 991.43 (AACC 32.07.01)

The AOAC Official Method 991.43 is an Enzymatic-Gravimetric Method for the analysis of Total Dietary Fiber (TDF), Soluble Dietary Fiber (SDF), and Insoluble Dietary Fiber (IDF) in processed foods, grain and cereal products, fruits and vegetables.

ANKOM TDF Fiber Analyzer

The ANKOM Total Dietary Fiber Analyzer creates a new standard for nutritional labelling, quality control, and research.

The system allows the user to perform stand-alone IDF, SDF, and TDF analyses. By automating one of the most tedious analytical methods, the ANKOM analyzer reduces labour and per sample costs, while increasing accuracy and precision. An advanced computer-controlled multichannel pump automates the addition of chemical solutions, enzymes, and rinses. Temperatures and agitation levels are controlled throughout the process, eliminating the need for multiple water baths and freeing up precious lab counter space.

D. ANKOM Flex Analyte Extractor

ANKOM Flex Analyte Extractor

Breakthrough Vitamin Analysis - Automated Saponification to Isolation

The ANKOMFLEX Analyte Extractor is designed to simplify fat-soluble vitamin, cholesterol, and crude and hydrolysis fat determinations. Supporting up to four samples at a time, the system will automatically complete digestion, solid phase extraction (SPE) and evaporation in about two to three hours.

Features

- » Simplifies fat-soluble vitamin, cholesterol, crude, and total fat extraction.
- » Eliminates chemical handling to improve safety.
- » Eliminates bi-phase extractions
- » Reduces solvent usage to 50-100ml/assay.
- » Reduced Labour Costs
- » Reduced per Assay Costs
- » Provides ability to create custom methods.





Al Khaznah is proud to be associated with Euromex Microscopen BV, from **Holland**, which is a leading manufacturer of microscopes and other optical instruments, founded in 1966. Al Khaznah supplies a variety of **Euromex microscopes** of **world-class quality** and standard across the research laboratories and universities in Kuwait.

Laboratory Microscopes

Our Microscopes

	TYPES	USEFUL FOR			
1	Upright Microscopes	Education	University	Life Science	Industry
2	Stereo Microscopes	Education	University	Life Science	Industry
3	Inverted Microscopes	University	Life Science	Industry	
4	Phase Contrast Microscopes	Life Science	Industry		
5	Fluorescence Microscopes	University	Life Science	Industry	
6	Polarization Microscopes	Education	University	Life Science	Industry
7	Darkfield Microscopes	Life Science	Industry		
8	Digital Solutions - Cameras & Table cameras	Education	University	Life Science	Industry
9	Illumination Solutions for Stereo Microscopy	Education	University	Life Science	Industry





NexiusZoom

High-quality stereo zoom microscopes. Very suitable for analyzing all types of materials and for making biological preparations

The robust, well-equipped and attractively priced bScope microscopes are available in various configurations



bScope
groots in
elk detail



 **Delphi-X**
observer

Delphi-X Observer Perfect color rendering with the new Delphi-X Observer. Highest possible resolution with EIS lenses, ball-bearing revolver and table with scratch-resistant Gorilla glass

Laboratory Meters



Al Khaznah Establishment is the authorized dealer for **Futronix** products in Kuwait. The products are designed for professional and DIY users. Futronix products are conversant with all the **safety and environmental requirements** for testing equipment.



Our equipment is designed for professionals and DIY users in:

- Laying and maintenance of electrical systems
- Laying and maintaining of optical fiber systems
- Environment (including the environmental figures such as temperature, magnetic field, health, and safety)
- Field service and maintenance
- Food manufacturing and processing
- Distance
- Drainage systems
- Searching hidden meters

We sell the following:

- ▶ IR thermometers
- ▶ non-contact human forehead thermometers
- ▶ hygro-thermometers
- ▶ digital food thermometers
- ▶ voltage detectors
- ▶ magnetic field detectors
- ▶ wire trackers
- ▶ optical power meters
- ▶ CCTV testers (including analogue, IP, AHD, TVI and CVI)
- ▶ PM2.5 meters
- ▶ formaldehyde monitors
- ▶ distance meters
- ▶ pipe locators
- ▶ metal detectors
- ▶ digital multimeters





Laboratory equipment

Analytical balances, Autoclave, Baths, Homogenizers, Incubators, Magnetic Stirrer, Magnetic Stirrer with / without heating, Muffle Furnaces, Rotary Evaporator, Stirrer, Shaker, Deep freezing, Dry Systems etc....

Al Khaznah Establishment offers a comprehensive range of Laboratory equipment from Laboratory Cooling / heating / temperature control equipment, Gas Generators, Organic / Inorganic Sample Preparation System, Analytical Instruments, Laboratory Centrifuges, Liquid Nitrogen Generators etc. Apart, stirring water baths to dissolve solids in buffer and samples, gradient thermal cyclers, refrigerators, ovens, incubators, freezers, chillers, and host of other lab equipment essentials are provided. All our products meet our strict and international quality standards. As a full-line distributor, we service every laboratory through a team of experienced sales representatives and technical specialists.

Al-Khaznah Establishment has partnered with international companies from Europe to provide world class quality laboratory instruments in Kuwait. LabTech, from Italy, and Witeg from Germany are leading manufacturing company with skill and passion devoted to providing advanced laboratory solutions to the analytical community. Al Khaznah Establishment is the authorized dealer for LabTech and Witeg products in Kuwait.

witeg
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LabTech





LABORATORY INCUBATORS

We offer Co₂ Incubator, Laboratory Incubators, Microbiological Incubators, Refrigerated Incubators in compact, small, and large capacity models. Ideal environment for storage and incubation of samples in a controlled temperature and humidity environment. Our incubators offer solution for industrial protocols, food processing, biological research, pharmaceutical applications, and environmental studies.

LabTech

witeg
GERMANY





LABORATORY FREEZERS

Laboratory freezers are essential items of equipment in many laboratories, especially those that require the safe and secure short-term or long-term frozen storage of temperature-sensitive biological or chemical materials. Lab freezers are offered as upright vertical, horizontal chest or under-bench units in a range of sizes and capacities. Small, compact benchtop models are ideal for personal use.

A general-purpose laboratory freezer typically stores samples down to -25°C . An ultra-low temperature (ULT) freezer is intended for deep cryogenic storage of samples typically down to -80°C . Most freezers are built from robust and durable materials such as stainless steel, aluminum, or powder-coated sheet steel. Laboratory freezers have a selection of internal storage layouts or compartments, some of which may be reconfigurable by the user. For example, they may have combinations of adjustable and exchangeable doors, shelves, baskets, trays or special racking systems designed for the storage of cryogenic boxes, microplates or cryotubes.





LABORATORY REFRIGERATOR

Laboratory refrigerators and freezers must meet the highest criteria in terms of security and reliability. Precise electronic controls, a forced-air cooling system and highly effective insulation work together to ensure outstanding energy efficiency, so that operating costs are low, and the environment is protected. Advanced components and precision controls ensure that substances and materials are stored as optimally as possible. We at Al Khaznah ensures that the product and the brand of the refrigerators that are supplied are of the highest international reput and acceptance.

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LABORATORY OVENS

Laboratory ovens, also referred to as laboratory furnaces, are used to sterilize biohazard waste, dissecting instruments or media/reagents for aseptic assays. They are also used for drying, heating, testing environmental stresses, such as changes in temperature, light and humidity. Laboratory ovens

Laboratory ovens can be used in various laboratories, such as a diagnostic laboratory to dry microscope slides, a research laboratory to test products at different temperatures for stability, or an industrial lab using a walk in autoclave to sterilize a large piece of equipment. Laboratory ovens are available in an array of sizes. They can be smaller in size, such as a benchtop oven or a freestanding unit. Some feature portability, which is useful when working across multiple locations. Additionally, working temperature range is key and depends on your application. Maximum temperature also varies ranging from -185C for a stability chamber to 350C for drying ovens.



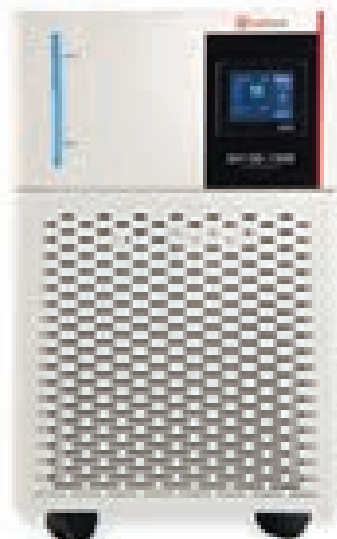


CHILLERS

Industrial water chillers are used in a variety of applications where chilled water or liquid are circulated through process equipment. Commonly used to cool products and machinery, water chillers are used in a multitude of different applications including injection molding, tool and die cutting, food and beverage, chemicals, lasers, machine tool, semi-conductors and more. The function of an industrial chiller is to move heat from one location (usually process equipment or product) to another place (usually the air outside the manufacturing facility). It is very common to use water or a water/glycol solution to transfer the heat to and from the chiller which may require the process chiller to have a reservoir and pumping system. Regardless of your industry and process, making sure that you have sufficient cooling is critical to productivity and cost savings

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CENTRIFUGES

The centrifuges used in today's labs range from small microcentrifuges to larger benchtop multipurpose devices and floor-standing instruments. Due to their weight, centrifuges are rarely lifted and moved to other locations. This means the ergonomic design of a centrifuge focuses more on handling the instrument in routine daily work. Centrifuges are sold with or without the rotors and have many options for adaptors to fit the different size centrifuge tubes on the market. Microcentrifuges can hold tubes as small as 0.2mL while larger models hold 500mL bottles. Centrifuges are even available with refrigeration to keep samples cold during processing. By choosing the correct model for your needs and working safely with it, a centrifuge can be a workhorse in your lab for years to come.

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LabTech





HOTPLATES & MAGNETIC STIRRERS

Al Khaznah Est. carries a variety of laboratory hot plates to help you safely heat laboratory samples. Microprocessor-controlled instruments can deliver accurate and repeatable results. Choose from digital and non-digital heating plates with durable aluminum tops that will not crack or chip or chemical-resistant ceramic plates that can be easily cleaned. For simultaneous heating and stirring, try stirrer/hot plates with an integrated magnetic stirrer. Our Hotplates series are designed to meet laboratory daily heating requirements. Their unique features include different digital temperature controllers and anticorrosion or stainless-steel heating surface. They are excellent solutions for heating digestion, evaporation, and acid distillation, and fully satisfy the requirements of different labs.

A magnetic stirrer or magnetic mixer is a laboratory device that employs a rotating magnetic field to cause a stir bar (also called "flea") immersed in a liquid to spin very quickly, thus stirring it. It is commonly used to ensure liquid samples are homogeneous in consistency and temperature. A magnetic stirrer can use magnetic stirrer bars or inductive agitators to complete the mixing process. A magnetic stirrer ensures proper mixing that can boost sensor response time, allowing measuring instruments to achieve stable readings more quickly. Therefore, a magnetic stirrer is an ideal tool for use in laboratories for research and quality control applications.

Al Khaznah Est. offers several magnetic stirrer products with single or multiple stirring points. A multi-position magnetic stirrer allows several beakers to be stirred simultaneously, saving valuable time by allowing for multitasking. Different magnetic stirrer models offer different stirring speed ranges. Most magnetic stirrer products feature variably adjustable revolutions per minute (rpm).



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PRECISION
INSTRUMENTS

KRÜSS



KRÜSS, Germany can be summed up as **'MEASURING QUALITY SINCE 1796'**. Kruss is a leading manufacturer of high-precision laboratory and analysis instruments. For more than 200 years the company had been developing and manufacturing innovative product solutions for quality control of raw materials, semi-finished products and end products in Germany, and for the world at large. As part of quality assurance, the measuring devices provide important key figures with which product quality and product safety can be monitored and ensured. KRÜSS demands on quality and precision are high and the requirements of the customers are always the focus. Customers in Kuwait who decide to buy one of KRÜSS devices, do not only receive a quality measuring device, they also become access to professional services and comprehensive support, through the authorized and certified service partner – Al Khaznah Establishment.

KRÜSS Laboratory Precision Instruments are **REFRACTOMETERS, POLARIMETERS, DENSITY METERS, FLAME PHOTOMETERS, MELTING POINT METERS, CIRCULATING THERMOSTATS, GAS ANALYSERS, MICROSCOPES, COLD LIGHT SOURCES, SPECTROSCOPES, SPECTRAL MEASURING INSTRUMENTS AND UV AND ANALYSIS LAMPS**

Precision instruments "Made in Germany"

Ease your everyday life in the laboratory and production with innovative and intuitively operated optical-electronic measuring instruments from A.Krüss Optronic. Discover the diversity of our products and meet the ever-increasing demands of quality assurance with trend-setting measuring and analysis technology.



Refractometers

Digital and analogue refractometers for laboratory and process



Polarimeters

Automatic and manual polarimeters for industry, research and science.



Density Meters

Fast, reliable measurement using the oscillating U-tube method



Flame Photometers

Determining the concentration of alkali and alkaline earth elements in laboratory and process.



Melting point meters

Automatic melting point determination - accurate, fast and reliable.



Circulation thermostats

Powerful Peltier thermostats for the laboratory.



Vestfrost Solutions, Denmark, is a global developer and manufacturer of innovative and efficient refrigerators and freezers for the professional laboratory market. The core of Vestfrost Solutions is to create customer-driven refrigerators and freezers by utilizing our team of cooling technology experts and market specialists. This enables us to offer solutions that consider more aspects at once: the commercial side, the needs of the end-user, and the sustainability of the environment. Our approach is to continuously provide the highest value for money by offering the right solution with the lowest operating costs for each of our customers – and their customers.

The core of Vestfrost Solutions is to create customer-driven refrigerators and freezers by utilizing the team of cooling technology experts and market specialists. This enables Vestfrost to offer solutions that consider more aspects at once: the commercial side, the needs of the end-user, and the sustainability of the environment. Al Khaznah Establishment - Your preferred partner along with Vestfrost, has an approach that is to continuously provide the highest value for money by offering the right solution with the lowest operating costs for each of our customers in Kuwait.

In recent, years Vestfrost Solutions, where all activities are based on serving specific business needs within four distinctive segments:

BIOMEDICAL

Reliable and user-friendly solutions for hospitals, health clinics, laboratories, pharmacies and universities.

COLD CHAIN

Cold Chain vaccine storage Solutions are reliable and self-regulating refrigerators and freezers specially designed for tropical use and are all +43°C hot zone approved.

MERCHANDISING

Merchandising Solutions is innovative and exciting refrigeration and freezing equipment designed for unique brand presentation of beverages, such as soft drinks, energy drinks, juice and beers.

FOOD & BEVERAGE

Professional solutions to cover all your refrigeration and freezing needs. Everything from soft drinks, to energy drinks, to wine, to ice cream!





ADAM
BRITISH DESIGNED SINCE 1972

*Everyone
deserves access
to Professional
weighing
equipment.*



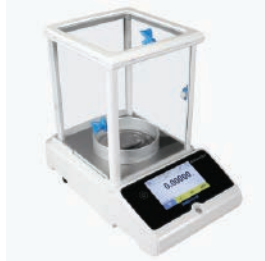
For nearly 50 years, professionals worldwide have relied on leading global designer and manufacturer **ADAM EQUIPMENT** for an extensive selection of dependable and affordable weighing equipment in the **Laboratory, Medical, Education, Industrial, Food, and Animal/Veterinary** markets.

In Kuwait, Adam offers support through **Al Khaznah Establishment**, that extends well beyond the point of sale with services like technical support, servicing, and calibrations.

Our Scales are designed for the following:



Industrial and Commercial



Laboratory



Education



Catering / Food Service
and Production



Retail



Health



Vet / Animal



Jewellery



Scale and Balance
Accessories

Laboratory Fume Hoods & Glove Boxes



Fume Hoods:

Fumex - Sweden, are specialists in extraction, fans and filters for all types of applications and environments. A product development, based on modern technology and design, creates the products of the future for a better working environment.



FUMEX
PURE ADVANTAGE

Conventional Fume hoods:

Fume hoods in different sizes, for a variety of tasks. Classic or filtered fume hoods, you will find everything here.

- **Fume hoods**
- **Ductless fume hoods**
- **Special purpose fume hoods**



Laboratory Fume Hoods & Glove Boxes

24
MONTHS
WARRANTY!

Glove Boxes: PlasLabs - USA

PlasLabs - USA, is the world leader in acrylic glove boxes, anaerobic chambers, nitrogen dry glove boxes, and HEPA filtered isolation glove boxes. Since 1967, Plas-Labs' product line of glove boxes have been used in research laboratories all over the world. The hypoxia chamber glove box is the latest in CO2 control, oxygen control, and temperature-controlled containment systems.



PLAS ■ LABS, INC.™



***Our equipment to help you product RESULTS!
Clearly your best CHOICE!***

Laboratory Water Purification & Water Baths

Water Purification System:

Adrona Water Purification Systems from Latvia, EU, manufactures high-quality laboratory water treatment equipment and measuring devices. Water treatment systems are manufactured using the principle of reverse osmosis and deionization. In Kuwait, Al Khaznah Establishment is the exclusive dealer for Adrona Laboratory Systems.



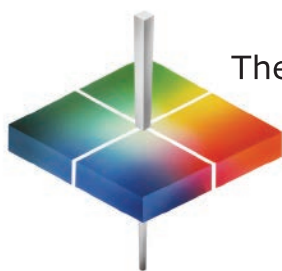
Water Baths

Nickel-Electro UK, is a well-established business with over 60 years experience in the design and manufacture of laboratory equipment. We have a highly motivated management team with a strong and loyal workforce. We recognize the value of the whole team and their contribution to our success.



NICKEL - ELECTRO LTD.
Manufacturers of the Clifton Range





The world's true measure of color

HunterLab
USA

HunterLab Spectrophotometer Systems



MiniScan® EZ



ColorFlex® EZ



ColorQuest® XT

LabScan® XE



UltraScan® PRO



UltraScan® VIS



ColorQuest® XE



measure

color

the way your
eye sees it



The world's true measure of color

HunterLab

HunterLab – Color Measurement Products

The world is color. For companies, color consistency is a key indicator of quality, safety, and brand integrity. Getting it right means everything. And as industry pioneers, we know this better than anyone.

As the global leader and innovator of color measurement instruments and technology, HunterLab knows that our color spectrophotometers have to be as accurate and reliable as they are easy to use. Our full-line of products offer unprecedented flexibility to measure, monitor, analyze, and report results seamlessly.

Exceed the expectations of the human eye. That's our Mission

HunterLab offers innovative solutions that simply and accurately measure color and appearance just as the eye sees it, so you know it's right every time.



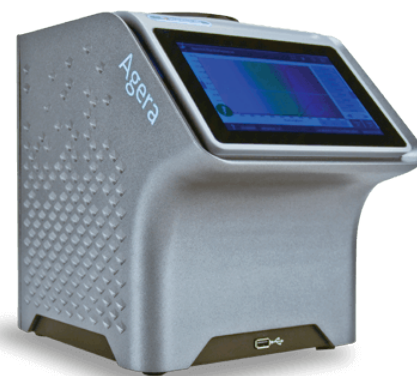
A. Benchtop Directional (45°/0° and 0°/45°) Geometry

Directional (45°/0° and 0°/45°) geometry benchtop spectrophotometers replicate the human visual response to color and include applications where gloss and texture affect the color measurement.

1. Agera Spectrophotometer

Simultaneously measure color, quantify gloss, and store the image in one simple measurement—with a spectrophotometer that offers exceptional flexibility, ease of use, and unprecedented value. Flexible. Full spectrum. All-in-one. Agera Spectrophotometer is the ultimate solution for appearance quality control.

- Simultaneous color and gloss measurement
- 0°/45° circumferential geometry replicating human vision
- Multiple port plates to accommodate a range of sample sizes
- Built in USB, Ethernet, Wi-Fi and Email data communications
- Industrial touchscreen with modern user interface
- Embedded EasyMatch Essentials QC Software



2. ColorFlex EZ Spectrophotometer

ColorFlex EZ offers the advantage of 45°/0° design ensuring that you not only get your colors right - but perfect every time. It measures your sample the way the human eye does. It lets you see your colors exactly the way your customers do, not just in the lab but in the real world. Easy-to-use. Compact. And Increased Performance. ColorFlex EZ Spectrophotometer gives you unsurpassed confidence and trust in your outcomes.

- Measures the reflected color of solids and liquids
- Product-standard storage with Pass/Fail tolerances
- Displays Color Data, Color Plot, Spectral Data and Spectral Plots
- Available with 45°/0° measurement geometry
- Requires very little bench space
- Can be connected to a printer or a PC
- EasyMatch QC quality control software

3. ColorFlex EZ Coffee Spectrophotometer

The easy-to-use ColorFlex EZ Coffee is specifically designed to accurately measure the color of ground roast coffee, including freeze-dried granules and instant coffee powders. This accuracy is achieved by using 45°/0° optical geometry, the only measurement technology proven to measure color the way the human eye sees it. Easy-to-use. Compact. And Increased Performance. ColorFlex EZ Coffee Spectrophotometer gives you unsurpassed confidence and trust in your outcomes.

- Measures the reflected color of roasted coffee grounds, including freeze-dried, as well as instant powders.
- Product-standard storage with Pass/Fail tolerances
- Displays Color Data, Color Plot, Spectral Data and Spectral Plots
- 45°/0° measurement geometry
- Requires very little bench space
- Can be connected to a printer or a PC
- Compatible with PC based EasyMatch QC quality control software



4. ColorFlex EZ Tomato Spectrophotometer

The easy-to-use ColorFlex EZ Tomato is specifically designed to accurately measure the color of tomato in its every processed form – paste/purée, sauce, ketchup, juice, as well as fresh tomatoes. This accuracy is achieved by using 45°/0° optical geometry, the only measurement technology proven to measure color the way the human eye sees it. Easy-to-use. Compact. And Increased Performance. ColorFlex EZ Tomato Spectrophotometer gives you unsurpassed confidence and trust in your outcomes.



- Measures the reflected color of solids and liquids
- Product-standard storage with Pass/Fail tolerances
- Displays Color Data, Color Plot, Spectral Data and Spectral Plots
- 45°/0° measurement geometry
- Requires very little bench space
- Can be connected to a printer or a PC
- Compatible with PC based EasyMatch QC quality control software

5. ColorFlex EZ Citrus Spectrophotometer

The easy-to-use ColorFlex EZ Citrus is specifically designed to accurately measure the Citrus Number, Citrus Redness and Citrus Yellowness. This accuracy is achieved by using 45°/0° optical geometry, the only measurement technology proven to measure color the way the human eye sees it. Easy-to-use. Compact. And Increased Performance. ColorFlex EZ Citrus Spectrophotometer gives you unsurpassed confidence and trust in your outcomes. Measures the reflected color of solids and liquids.



- Product-standard storage with Pass/Fail tolerances
- Displays Color Data, Color Plot, Spectral Data and Spectral Plots
- 45°/0° measurement geometry
- Requires very little bench space
- Can be connected to a printer or a PC
- Compatible with PC based EasyMatch QC quality control software

B. Benchtop Non-Contact Directional Geometry

Unique measurement methods that don't require instrument contact with your samples. These benchtop spectrophotometers are perfect for samples that are not smooth, uniform or are messy. These solutions reduce sample preparation time and cleanup time while ensuring absolute measurement accuracy and consistency.

1. Aeros Spectrophotometer

Get fast and accurate color measurement results of heavily textured and non-uniform samples—every time—with the intuitive and ingeniously designed Aeros Spectrophotometer. Smart. Accurate. And faster to boot. The Aeros Spectrophotometer is engineered to make color measurement of any sample hassle-free.

- Designed for heavily textured, non-uniform samples
- Auto-height-positionable and no-contact sensor
- Industry's largest, rotating sample platform
- 5 seconds, 35 measurements, 27.5 square inches of sample measured
- Industrial touchscreen with modern user interface
- Built in USB, Ethernet, Wi-Fi and Email data communications



C. Benchtop Sphere (d/8°) Geometry

Diffuse d/8° benchtop sphere spectrophotometers are recommended for transmittance color and haze measurements of transparent liquid and solid samples, and color measurements of opaque samples where it is desired to negate the effects of sample gloss and texture, as is necessary in the color formulation process when determining the effect of pigment variations irrespective of surface characteristics.

1. Vista Spectrophotometer

Provides the essentials needed for accurate, consistent, and reliable color and haze measurement of transparent liquid and solid sample types—in the easiest possible way. State-of-the-art. And user friendly. Vista Spectrophotometer is as simple and intuitive as using your smartphone.

- Simultaneous color and haze measurements
- One-touch standardization
- Touchscreen display with customizable workspaces
- USB, Ethernet, and Wi-Fi Connectivity
- Lightning fast measurement speeds
- Sleek, compact, elegant tabletop design



2. Vista-ER Transmission Spectrophotometer

Vista with Essentials-ER embedded software provides a standalone transmittance color measurement solution designed to help users achieve FDA CFR 21 Part 11 compliance. This standalone solution eliminates the need for users to purchase external ER compliant software and computer solutions. Vista with Essentials-ER embedded software provides a standalone transmittance color measurement solution designed to help users achieve FDA CFR 21 Part 11 compliance for electronic record keeping. This standalone solution eliminates the need for users to purchase external ER compliant software and computer solutions.



- Simultaneous color and haze measurements
- One-touch standardization
- Touchscreen display with customizable workspaces
- USB, Ethernet, and Wi-Fi Connectivity
- Lightning fast measurement speeds
- Sleek, compact, elegant tabletop design

3. UltraScan VIS Spectrophotometer

The UltraScan VIS color measurement spectrophotometer measures opaque, transparent, and translucent solids and liquids in the complete CIE recommended spectral range of 360 – 780 nm. It can be used in production and in the laboratory for inspecting raw materials, evaluating finished product or developing methods for color analysis. Excellent precision on opaque, transparent, translucent, and even dark and highly saturated samples.

- Measures reflectance, transmittance, and haze
- Wavelength range 360 nm - 780 nm
- 10 nm optical resolution and reporting interval
- Two reflectance measurement areas
- Exceptional inter-instrument agreement
- Automated UV calibration and control
- Large transmission compartment open on three sides
- Includes EasyMatch QC software



4. UltraScan PRO Spectrophotometer.

The UltraScan PRO is designed to be your reference instrument for measuring both reflected and transmitted color. It meets CIE, ASTM and USP guidelines for accurate color measurement. The instrument's 5 nm optical resolution enables it to precisely measure colors using colorants with sharp cutoff characteristics. Ideal for demanding research and quality control applications.

- Measures reflectance & transmittance color as well as spectral reflectance, spectral transmittance and transmission haze.
- Wavelength range 350 nm - 1050 nm
- 5 nm optical resolution and reporting interval
- Three reflectance measurement areas
- Exceptional inter-instrument agreement
- Automated UV calibration and control
- Large transmission compartment open on three sides
- Includes EasyMatch QC software



D. Portable

Measure on the go—including samples on plant production floors, in storage areas, shipping departments, or virtually anywhere that's convenient. Our portable spectrophotometers are available in Directional 45°/0° and Diffuse d/8° geometries.

1. MiniScan EZ 4500: Portable Spectrophotometer.

MiniScan EZ 4500 45°/0° geometry portable spectrophotometer has a large, easy-to-read display, is light weight and ergonomically designed for one-handed operation and thumb-tip navigation of display functions. With onboard software that includes most major industrial reflectance color scales and indices. MiniScan EZ 4500 allows manufacturers to easily and accurately evaluate the quality of their products. Easy-to-use. Compact. Increased performance.



- 45°/0° geometry with large area or small area view
- Light weight with rubberized handle for operator comfort
- Easy one-handed operation with thumb-tip navigation of functions
- Large, easy to read LCD graphical display
- Displays color data, color difference data, color plot, spectral data, spectral data difference, spectral plot, spectral difference plot
- Includes all commonly used color scales and indices
- Averages up to 20 sample readings
- Stores 100 standards and 800 sample measurements

2. MiniScan EZ 4000: Portable Spectrophotometer

MiniScan EZ 4000 sphere geometry spectrophotometer has a large, easy-to-read display, is light weight and ergonomically designed for one-handed operation and thumb-tip navigation of display functions. With onboard software that includes most major industrial reflectance color scales and indices. MiniScan EZ 4000 allows manufacturers to easily and accurately evaluate the quality of their products. Easy-to-use. Compact. Increased performance.

- Sphere geometry with large or small area view.
- Light weight with rubberized handle for operator comfort
- Easy one-handed operation with thumb-tip navigation of functions
- Large, easy to read LCD graphical display, displays color data, color difference data, color plot, spectral data, spectral data difference, spectral plot, spectral difference plot.
- Includes all commonly used color scales and indices
- Averages up to 20 sample readings
- Stores 100 standards and 800 sample measurements



E. In-Process / In-Line

Installed within a process stream, in-process (in-line) spectrophotometers provide continuous color measurement data throughout a production run, enabling quick responses to color variations.

1. SpectraTrend HT: Color process monitoring and analysis.

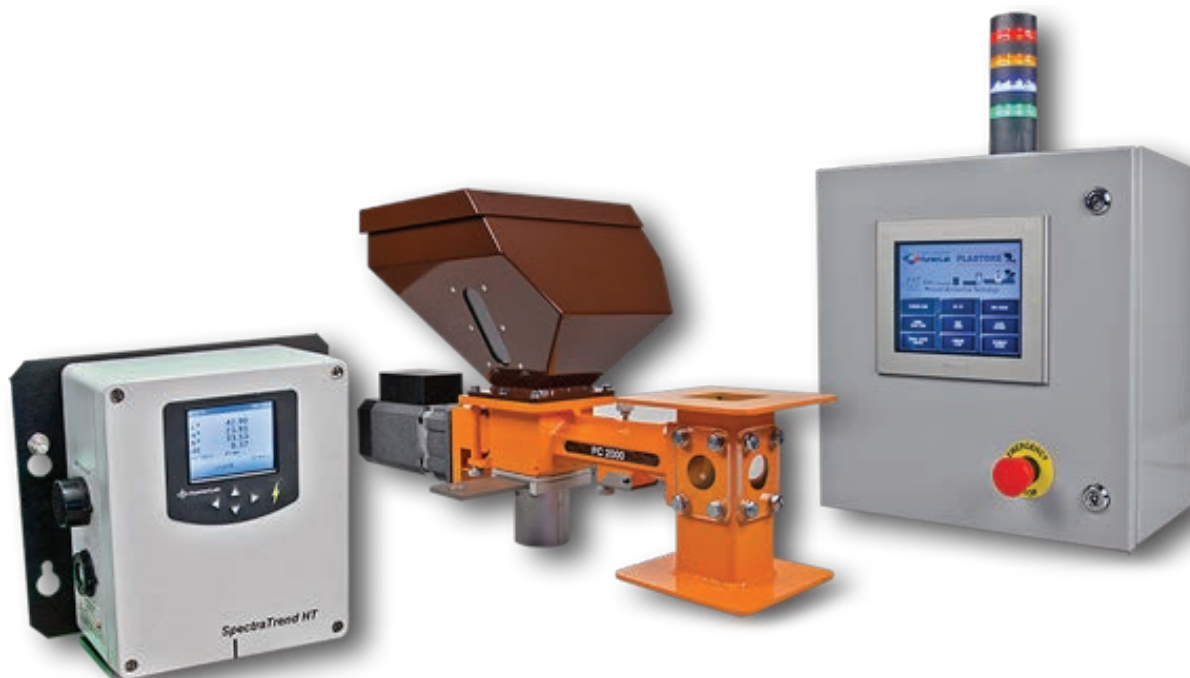
SpectraTrend HT takes non-contact color measurement to the highest levels, combining versatility, simplicity and performance in one easy to use compact 0/30 design. Real-time process color monitoring. Non-Contact color measurement.

- Measures web, bulk, and individual product
- Configurable real time data display
- Design for harsh production environments
- Precise continuous and simultaneous height - color measurement
- Easy integration into plant control networks, or standalone operation



2. cPAT: Real-time color monitoring. Closed-loop color control. Automated downstream defect containment.

Fully integrated, in-process color measurement and color control solution tailored to specific continuous manufacturing processes such as plastics processing, plastics compounding, coated paper and food products. Real time color monitoring. Closed-loop color control.



- Online, real-time color measurement and monitoring
- Touch screen PLC with easy to set up and operator friendly color-control software.
- Automated closed-loop color control
- Outputs for downstream defect containment
- Historic data logging and storage for retrieval via USB or remotely on a network by FTP
- Process variables charted in real-time with 100 scans of data storage for on screen viewing
- Calibration reminders automatically displayed based on number of scans and time since last calibration.

Laboratory Consumables



We are dedicated to quality!

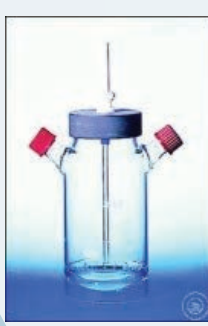


Discover our variety of laboratory bottles!

NEW: food-safe plastic laboratory bottles



Every laboratory requires the use of glassware whether it's just a beaker or something more complex like Kjeldahl equipment or Soxhlet distillation apparatus. Laboratory Glassware may be used to store the chemicals (solid or liquid), transfer of chemicals, for making solution, reagents, etc. amongst others. Most of these laboratory glassware are heat, corrosion, chemical, and temperature resistant. These laboratory glassware include beakers, flasks, watch glass, test tubes etc. of various shapes and sizes to incorporate a range of volumes. They can be autoclaved and used again if sterile conditions are required. They can also be washed with soap or detergent and can be reused. Generally, a separate space is allocated for the storage of laboratory glassware in a lab. Laboratory Glassware are all well calibrated and can be easily labeled using a marker or a sticker.



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Laboratory Cabinets & furniture

Al Khaznah offers a wide variety of laboratory furniture to suit the needs of every lab. Fume hoods, laboratory tables, sink units, storage cupboards and other furniture can be purchased as standard units or individually modified according to the needs of the customer. Al Khaznah has combined its sales and design experience to supply a wide variety of laboratory furniture for all types of laboratory environments. Whether you are building a new laboratory or renovating an existing one, having the right furniture is critical to providing an adequate workspace. We strive to be your comprehensive furniture supplier to ensure that your lab is held to the highest industry standards.

We offer different workbenches for specific laboratories. You can choose between standard or custom-built.

Workbenches

Service modules
Island benches
Balance benches
Sink units
Heavy duty benches
Clean room workbenches
Underbench cabinets



Cabinets

Cabinets for safe and convenient storage.
Chemical storage cabinets
Combined storage cabinets
Cabinets for glassware
Overbench cabinets
Wardrobes
Lockers
Shelves



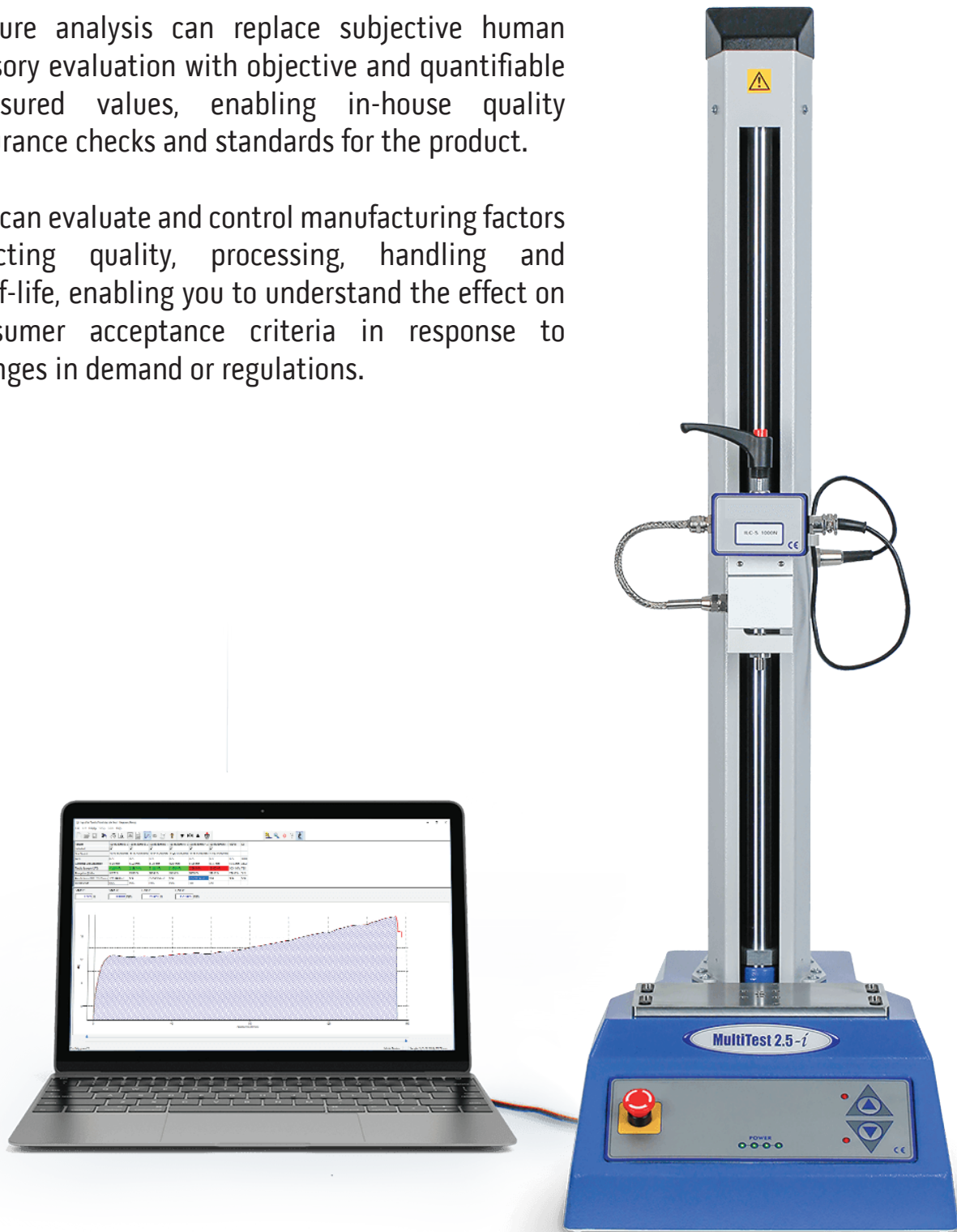
TEXTURE ANALYSERS

Texture analysis evaluates how a product feels when we eat it or performs when we handle or produce it.

A texture analyzer is an instrument that enables the assessment of physical textural properties by applying the same deformations. This makes it possible to control the impact of changing ingredients or formulations on quality.

Texture analysis can replace subjective human sensory evaluation with objective and quantifiable measured values, enabling in-house quality assurance checks and standards for the product.

You can evaluate and control manufacturing factors affecting quality, processing, handling and shelf-life, enabling you to understand the effect on consumer acceptance criteria in response to changes in demand or regulations.



Preventive Maintenance

Whether you are looking to stay within your **budgets** or hoping to ensure that experiments run **effectively** and **without a hitch**, your first step should always be **Equipment Maintenance**.



The Al Khaznah service team consists of highly trained and skilled service engineers for the support and maintenance. After the expiration of the standard warranty, the service department undertakes Preventive Maintenance (PM) Services of the instruments in single, batches, or as a complete laboratory service package for all the customer's equipment.

Enquiry Now

Preventive care is critical to the life and availability of your instruments and equipment. Without regular maintenance, unattended, lingering problems can decrease instrument performance and lead to unnecessary and unplanned service costs. Protect your investment against the unexpected with regularly scheduled preventive maintenance (PM) that can proactively detect and resolve problems before they happen. Included as an important entitlement in nearly all of our service plans, on-site instrument PMs can help identify and resolve issues before they negatively impact performance and turn into downtime. In addition, annual or regularly scheduled PMs help ensure the accuracy of your analytical results and increase the probability that operational qualifications (OQ) will pass required specifications. A PM is recommended before all OQ and requalification (RQ) service events to ensure all tests pass within original equipment manufacturer (OEM) specifications.

Preventive maintenance procedures

During your PM visit, our Al Khaznah qualified field service engineers will perform routine inspections and standard procedures intended to ensure instrument and equipment performance is at or near the same level achieved at installation. While instrument models and applications can vary, such procedures may include overall general inspection and clean-up, replacement of worn parts, general performance testing, tuning, and more.

Increase instrument uptime and reduce repair costs!

Call now on: **+965-50820501** or email us at **service@khaznah.com.kw**



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