

Tara International was established in the year 1980. Tara is associated with many globalized manufacturers as their technical collaborator, business partner & representative in India & surrounding countries.

We are currently offering services in the field of R&D, Process Control & Optimization, QA & QC, testing & more. Our Products can be used at Laboratory, in-line, On-line & in field testing.

We understand the pulse of the market well in advance & offer single window service as a turnkey solution provider. We have established more than 6800 Analytical Testing & Measurement laboratories in various fields of industrial segments such as Agriculture, Dairy & Food, Pharmaceuticals, Petroleum, Educational Institutes & many more.

Tara is fully equipped with well trained professionals to provide services in the area of R&D, Application Development, Customer Support, After-sales service, Training & Maintenance.

Our unique design, technology, maintaining International Norms / standards & validations brings cost & time saving with quality standard.



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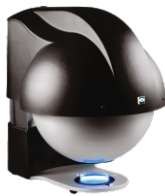
✉ info@tarainstruments.com www.tarainstruments.com



Videometer A/S.

VideometerLab 4

It is a Multispectral imaging instrument designed for fast and accurate determination of colour, texture & chemical composition.



Videometer Liq

Used for determination of stability / instability & shelf life in liquid products. Application Examples are emulsions, yogurt, drinks, juices, paints, cosmetics, coffee whitener & many more.



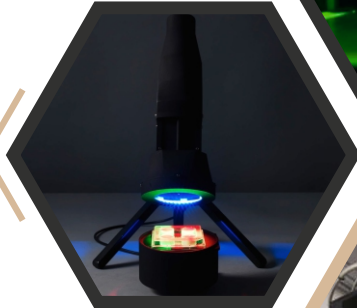
Videometer Lite

Portable & wireless spectral imaging solution for Colony counting & others.



Videometer MultiRay

Used for determination of μ -topography, graininess, gloss & porosity of material surfaces.



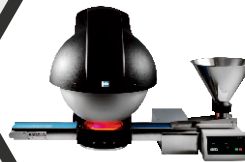
Videometer SLS

Used in Dairy to Measure graininess, viscosity & mouthfeel in yogurt & other viscous products.



VideometerLab Autofeeder

Used in agricultural Application - size, shape, colour, broken, skinned kernels, seed coat, germination, Pathogen, variety identification of grains, seeds, spices, nuts & many more.



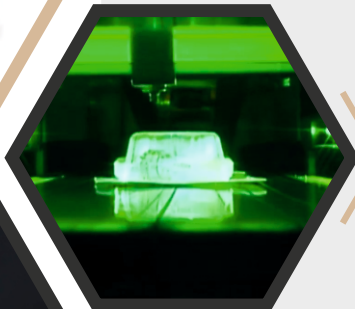
Videometer MiniRhizotrons

It is used for automated detection & quantification of living roots in the field/semi-field. It can detect roots in all soil types & differentiate living roots from dead roots.



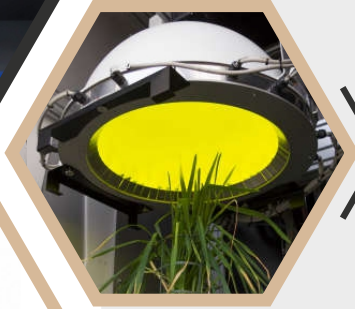
Videometer Line

Application - All Types of food, Microbiological, Pharma, Medical Devices Inspection & Textiles.



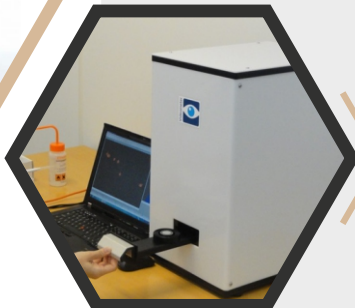
PhenoLab

The conveyor - band based automated high throughput phenotyping platform PhenoLab in the green houses can monitor & care for up to 468 pots.



Videometer Mic

Used in Parasite detection, Enumeration & size distribution, Trichinella larvae detection on filter after digestive fluid filtration.



Kett Electric Laboratory

NIR Moisture Analyzer

Used in Pharmaceuticals, Chemicals, Textiles, Food, Pulp & Paper, Minerals, Lubricants & Personal care products.



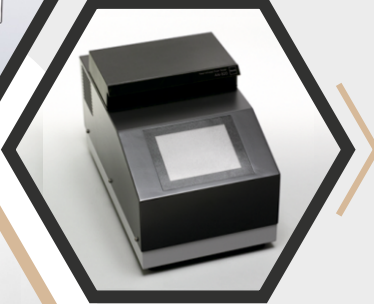
IR Moisture Analyzer

Employs dual temperature sensor method. Can be used to measure moisture in Powder, Particulates, Pastes, Liquids & Solids.



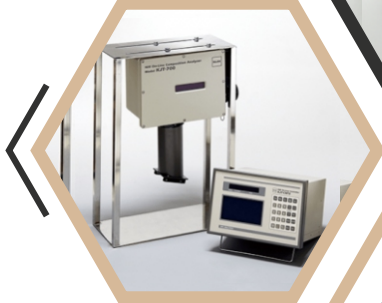
NIR Grain & Seed Analyzer

Capable of measuring moisture, protein, amylose, starch etc. of Grains & Seeds.



Online NIR Analyzer

Measurement of moisture, fat, protein, film thickness, coat weight and carbon content of food, agricultural, pharma & dairy products.



NIR Composition Analyzer

Ideal for Chemical, pharmaceuticals, food, Pulp products, polymers, products containing organic substances.



Wood Moisture Tester

Used to measure moisture for different types of Veneer & Lumber.



Tea & Coffee Moisture Meter

Measurement of moisture for all types of tea & coffee.



Cashew Nuts Moisture Tester

Measure Moisture in Cashew nuts with shell.



Instant Paper Moisture Meter

Used to measure moisture in sheets of paper, kraft & paper board.



Coating thickness tester

- Electromagnetic Coating Thickness Tester.
- Eddy Current Coating Thickness Tester.
- Dual-Type Coating Thickness Tester.



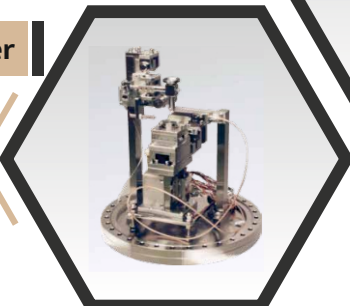
Portable Friction Meter

Wear Measurement on Floor surface, Smoothness measurement of chemicals & cosmetics, Friction measurement on various component on a production line.



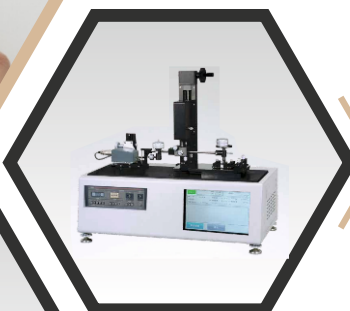
Vacuum Friction & Wear Tester

Various Friction & Wear measurement in vacuum, Evaluation of various Lubricant agents, wear testing on solid lubricants & lubrication films.



Surface Property Tester

For Friction measurement of rubber rollers, wires, Slip characteristics testing on flooring materials, Adhesion measurement of various tapes.



Steroglass S.R.L



Water Activity Meter

It is an essential instrument for the quality control of products in the food, pharmaceutical and cosmetic industries with 21 CFR Compliance part 11.



Hyperlab BASIC Enzymatic Analyzer

Used for analytical measurement of wine, fruits, juice, vineyard etc. upto 180 analysis/ hr.



Hyperlab SMART Enzymatic Analyzer

Hyperlab smart is extended version of basic analyzer & is equipped with the software that allows to program tests, organize results, QC & QA & many more.



One Multiparametric Analyzer

Enzymatic & colorimetric analysis in Dairy, Food & Beverage fields.



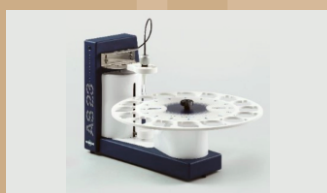
Flash Automatic Titrator

It is used for Analysis of single sample at a time.



Auto Sampler 24 Position

For continue analysis of sample up to 15 samples.



Auto Sampler 35 Position

For continue analysis of sample up to 34 samples.

Measurement of pH & Acidity, Chlorides, Ascorbic Acid (Vitamin C), So2 Free, Total & Combined, Nitrogen / Protein (Kjeldahl method), Peroxides, Residual sugar etc.

STEROGLASS RANGE OF ENZYMATIC & COLORIMETRIC TEST KITS



Organic Acids

Acetic, Ascorbic, Acid Req, Gluconic, D & L Lactic, D & L Malic, Pyruvic, Tartaric

Sugar

Glucose, Fructose, Sucrose

Irons & Metals

Calcium, Iron, Magnesium, Potassium, Copper

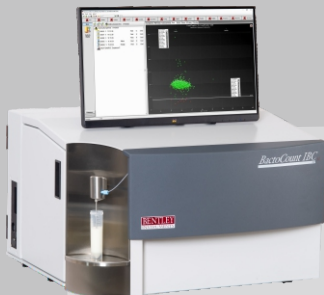
Phenolic Compounds

Anthocyanins, Catechins, Polyphenols

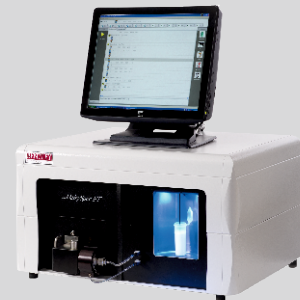
Other Compounds

Amino & Amoniacal, Nitrogen, Chlorides, Color (Wine), Ethanol, Free & Total Sulphur, Glycerin

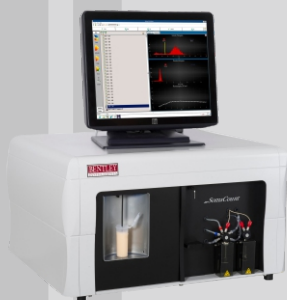
Bentley Inc.



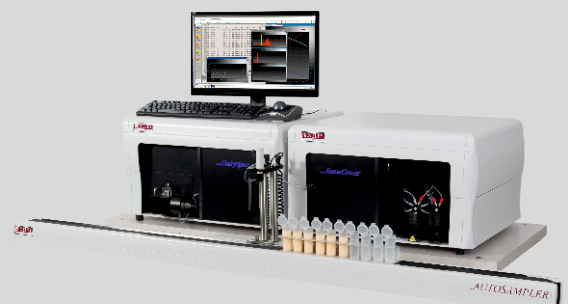
Bacteria Count : Used to measure Individual Bacteria & Somatic Cell in raw Milk.



FTIR Dairy Analyzer : Used in Dairy Laboratories for the analysis of Fat, Protein, Lactose, solid & adulteration.



Somatic Cell Analyzer : Measurement of somatic cell count for early mastitis detection in raw milk.



Combination System Used to measure Dairy components (FTIR) & Somatic Cell.

Beat Sensing Co. Ltd.



Compact Reflective NIR Analyzer



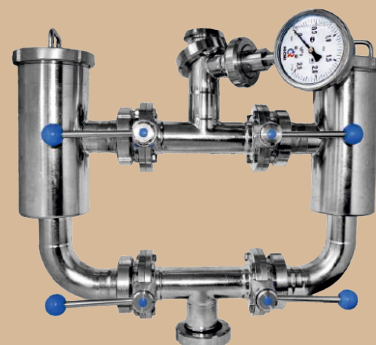
Compact Fiber NIR Analyzer

- **Agricultural/Animal/Fishery products** : Measures component values instantaneously eg. moisture, proteins, lipids, starch, ash etc.
- **Processed food /Flour milling /Feed/Fertilizer** : Constantly monitors the manufacturing process eg. moisture, proteins, lipids, etc. / mixed quantity.
- **Pharmaceutical (drug substances/granulation/mixing/tableting/coating)** : Constantly monitors each step in process for moisture, mixing end point, mixed quantity confirmation, coating monitoring, granulation monitoring, for optimum processes.
- **Oil** : Measures quality of oil by checking fat, iodine value etc.
- **Alcohol brewing/Soy sauce/Soybean paste/Yogurt** : Continuous monitoring of fermentation process for lactic acid, sugar, alcohol content.
- **Organic synthesis/Bioreactor** : Monitor formation of reaction products graphically, for optimization of manufacturing process.
- **Paints/Coating agents/Adhesives/Plastics** : Monitor synthesis products, additives, etc. graphically, for optimization of manufacturing process.

Liquid Purifier



Single Module



Multiple Module

IUL Instruments



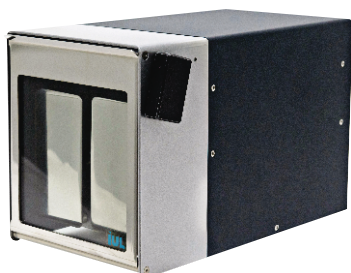
Automatic Colony Counter : It reads automatically different types of plates with this instrument. It can read 3M petrifilm, MC Media PAD Plates, Compactdry, Spiral, Chromogenic Agar, Blood, Spread /Pour, Membrane filter plates & Inhibition zone. Depending on analysis & requirement user needs to switch between different softwares - Colonies lite, Colonies pro, Halos pro. Compliance with CFR 21 Part 11.

Automatic Spiral Platter : This spiral platter automates, standardizes and streamlines plate inoculations with its patented cross contamination, free technology. This instrument generates a threefold dilution concentration gradient on a single plate, allowing labs to skip serial dilutions & platings. Each sample needs to be processed with a brand new sterile microsyringe. It is fully validated microbiology methods.



Air Sampler : This is used to check microbial load in Environment. It gives users a compact, portable, simple solution for air sampling. Spin technology uses 100 % of petri agar surface to plate microorganism. Compliance with USP797 & 1116 regulation.

Gravimetric Dilutor : Smart Dilutor W is the solution for labs seeking full processing capacity & traceability in gravimetric dilutions or liquid dispensing. This device ensures precision, speed, sample handling sterility & detailed tracking of procedures. Compliance with ISO 7218, 6887-1 & FAD BAM.



Masticator Homogenization : Masticator blenders disperse samples inside sterile bags with paddles that drive a masticating action while moving the sample from side to side. This key step in sample preparation ensures homogenous distribution of microorganisms throughout the diluent.

Laboratory Setup



Centrifuges



Autoclaves



Incubators



Freezers



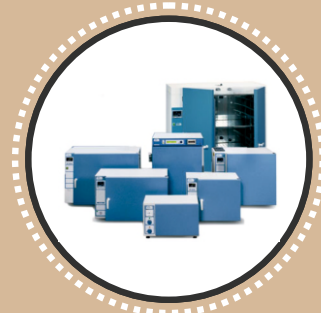
Colorimeter,
Microplate reader



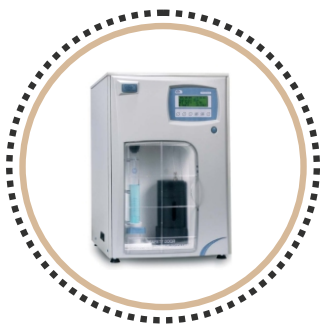
pH Meter &
Conductivity meter



Stirrers



Ovens & Furnaces



Distillation
Unit



Extractor for
Fats & Oils



Water Distillers



Kjeldahl
method apparatus

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Simple Solutions For Complex Analysis