



VISCOTECH
SCIENTIFICALLY DRIVEN

INDUSTRIES WE SERVE...



Pharmaceutical



R&D labs



Chemical



Adhesives



Paint and Coatings



Packaging



Oil and Gas



Educational



Water Analysis



Metallurgy



Testing Labs

ABOUT US

VISCOTECH is a company set up by Vidya Pravin Nanaware and their team. We are based in Thane, Maharashtra. We are into the ever-growing dimension of analytical instruments sales and marketing. We are a team of enthusiasts with over 41 years of considerable experience. Tradition and business are amplifying and blooming since 1980.

VISION

Our clients are at our heart. We would focus on their issues above everything and convey the most ideal arrangements utilizing innovative progressions. We would attempt to get the best assets in the market and inventiveness alongside cost viability.

MISSION

Our goal is to make a one-stop solution for every analytical instrument. We aim at acquiring the best accessible instruments in the market at reasonable costs and simple use. We immensely believe in customer satisfaction, henceforth making sure our clients are well equipped with 'THE BEST'!

WHAT WE DO?

Our significant spotlight is on furnishing answers for the customers with the most ideal assets in the market. We guarantee to convey top-notch scientific instruments through trusted vendors and also after-sales services

We have consistently strived for greatness, precision and opportune expectations. Most importantly, we fundamentally centre around customer fulfilment and consistently anticipate assemble better and enduring connections

OUR VALUES

- Loyalty
- Trust
- Ingenuity
- Accountability
- Simplicity
- Respect
- Value-centricity

VISCOMETERS AND RHEOMETERS



GAS
MOISTURE
POWDER
VISCOSITY
IN-LINE
RHEOLOGY
TEXTURE

Viscometers are world standard. It is very important to spend a few minutes understanding, selecting the right model based on application and industry standards. The most commonly used instruments are LV/RV/HA/HB Viscometer. Types of available viscometers are Laboratory Viscometers, Gel Timers, In-line Viscometer. The Rheometer is a laboratory device used to measure the way in which a liquid, suspension, or slurry flows in response to applied forces. It is used for those fluids which cannot be defined by a single value of viscosity and therefore require more parameters to be set and measured than is the case for a viscometer.

Laboratory Viscometer



Inline Viscometer



Gel-Timer Viscometer



Rheometer



VAPOUR PRO SERIES



Computrac® MAX® 4000XL

The Computrac MAX® 4000XL provides quick, reliable and accurate results. This improves the ability to adjust or monitor processes, ensuring quality products while minimizing waste, energy requirements and man-hours. Ease of use and durability, along with superior service and support make the Computrac® MAX® 4000XL an ideal choice for research, manufacturing and laboratory environments.



Computrac® MAX® 5000XL

The Computrac MAX 5000XL moisture, solids and ash analyzer can provide accurate readings for both moisture and ash from a single sample, offering many of the same features of thermogravimetric analyzers at a fraction of the cost. With a maximum temperature of 600°C and a maximum sample size of 100 grams, the MAX 5000XL has the versatility to a wide range of material testing tasks.



Computrac® Vapor Pro® XL

Improved repeatability, precision, flexibility, and an advanced user interface – the Vapor Pro® XL is the latest in moisture-specific analysis technology from Computrac®. The VPXL is ideal for nearly any application in which Karl Fischer titration is used. It features an upgraded heater and increased control over testing temperatures. The VPXL is also compatible with multiple sizes of sample vials and is equipped with stepped temperature testing capabilities for enhanced method development.



Computrac® Vapor Pro® XL Autosampler

The Vapor Pro XL (VPXL) Autosampler is the latest in moisture-specific analysis technology offering accuracy, precision, flexibility, and automation to test up to 16 samples with individual test profiles. The VPXL Autosampler's advanced moisture analysis capabilities make it a chemical-free alternative to Karl Fischer titration. Its compact size and upgraded features make the VPXL Autosampler ideal for nearly any application where test automation and increased throughput is needed.



Lab H2S

The H2S ANALYZER Lab measures hydrogen sulfide in liquids and gases in only one device. The determination of total volatile sulfides in aqueous solutions and other liquid samples works through high efficient gas extraction linked with a selective detection method. Thereby, interferences from the sample matrix will be minimized. The analysis is performed fast and with high efficiency. Sample preparation is not required, therefore the reproducibility and the accuracy enhance additionally. The dosing of the sample can either happen manually using a syringe or optionally using an automated autosampler.

Applications

- Water, drinking water, surface water
- Municipal wastewater
- Industrial wastewater
- Monitoring of landfill-leachate
- Gas analysis (e. g. LNG, LPG)
- H2S in hydrocarbon mixtures
- Investigation of technical and pharmaceutical products (e. g. storage stability)
- Quality management



Online H2S

The OnlineH2S is used for the continuous quantitative determination of hydrogen sulphide (H S) in gas 2 mixtures. The system is designed with an integrated dilution step for the measurement of very high concentrations (100 - 20000 ppm). Also, very low contents in the range of odor threshold (0.1 - 100 ppm) can be measured. The OnlineH2S contains a selective amperometric sensor with gas selective membranes, membrane pumps for gas transportation and sample transfer, and an integrated PC for continuous recording of measurement data, trends, and alarm states. The measurement values can be transmitted via digital (alarm-) and analog outputs into the control room

Applications

- Municipal Association for sewage treatment
- Industrial sectors
- Biogas plants
- Petroleum processing



S-Online

The S-Online is designed for the online measurement of sulfides in wastewater. Sulfide/H S can be analyzed even 2 below the odor threshold. By the combination of highly efficient gas extraction and a selective detection method, sulfide/H2S is determined in aqueous solutions. S-Online can be used as an H2S dependent controlling 2 system for chemical wastewater treatment. The results can be transferred through digital alarm- and analog outputs into the measuring station.

Applications

- Municipal wastewater associations
- Industrial wastewater
- Sewage and Wastewater treatment plants



Gold Film Hydrogen Sulfide Analyzer



Gold Film H2S Analyzer J31-X



Mercury Vapor Analyzers



Gold Film Fence-line H2S Monitoring System

PARTICLE SIZE ANALYZER



- Measurement: Particle size
- Particle size range:
- Wet dispersion: 0.02 to 2600 μ m
- Dry dispersion: 0.1 to 2600 μ m
- Dispersion type: Wet and Dry
- Technology: Laser diffraction
- Optical bench with 92 detectors covering an angular range of 0.016° - 165°

Laser Particle Size Analyzer (Dry & Wet Dispersions)

TEMPERATURE BATHS



TC-150



TC-250



TC-550



TC-650

OVENS, AUTOCLAVE, WATER BATHS



Ovens and Muffle Furnaces



Horizontal and Vertical Autoclaves



Water Baths 6 holes and 12 Holes

SPECTROPHOTOMETERS & FTIR



Spectrophotometry is a branch of electromagnetic spectroscopy concerned with the quantitative measurement of the reflection or transmission properties of a material as a function of wavelength. Types of spectrophotometer available with us are as follows:

- VIS spectrophotometer
- UV-VIS spectrophotometer
- Infrared spectrophotometer
- Fluorescence spectrophotometer
- Atomic absorption spectrophotometer



UV-Visible Spectrophotometers



FTIR - Spectrometer



Compact FTIR - Spectrometer



Atomic Absorption Spectrophotometer



ICP-OES Spectrometers



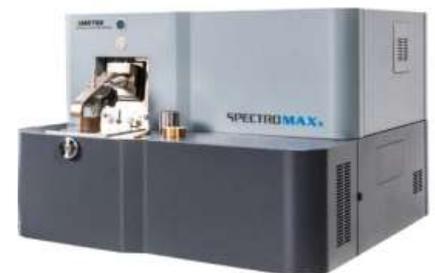
EDXRF Spectrometer



Handheld XRF Analyzers



Visible Spectrophotometer



Arc spark spectrometers

PRODUCTS FOR WATER ANALYSES



Water chemistry analyses are carried out to identify and quantify the chemical components and properties of water samples. The type and sensitivity of the analysis depends on the purpose of the analysis and the anticipated use of the water.

The 6 main indicators of water quality they include dissolved oxygen, pH, temperature, salinity and nutrients (nitrogen and phosphorus), conductivity, TDS, turbidity, ORP , etc.



Open Reflux Digestor



Closed Reflux Digestor



COD Analyzer



Turbidity Meter



Water Parametric Titrator



Handy Sampler HDS



Boiling Point and Melting point



Composite Sampler



Automatic Potentiometric Titrator



Karl Fischer Titrator



Fluoride Meter



Multiparameter



Multipoint Stirrer



Coloumetric Titrator



Kjeldahl Nitrogen Analyzer KNA



Mini Cooling System



Ultrasonic Bath



DO Meter

POLARIMETER & REFRACTOMETER



Refractometry is one of the basic methods for quantitative analysis and quality assurance methods in the food and beverage industry. Refractometers are frequently used by grape growers and the sugar industry for Brix testing of sucrose levels in their fruit. The refractometer is a well-established instrument used for measuring the water content of liquids. It measures the refractive index of the liquid, which changes according to the moisture content.

Polarimeter is a scientific instrument used to measure the angle of rotation caused by passing polarized light through an optically active substance. Some chemical substances are optically active, and polarized light will rotate either to the left or right when passed through these substances.



Inline Process Refractometers



Lab Polarimeter



Automatic Sugar Polarimeter



Lab Refractometer



Compact Lab Refractometer



Density Meter



Handheld Refractometer

PRODUCTS PETROLEUM ANALYSES



Petroleum testing involves quality analysis of petroleum products during upstream, midstream, and downstream production processes. Our products include the following major tests: distillation; flashpoints (Pensky Martens, Cleveland, Abel, or TAG); cold flow properties; qualification, stability, and sediment; characterization of fuels; color; carbon and sediments; lubricants; bitumens, waxes, and greases; viscosity; glassware for petroleum products.

In other words, if you are looking for a laboratory analysis dedicated to the oil or related sector, our team welcomes you.



Abel flash point tester



Small vol CC FPT



Tag flash point tester



Closed cup flash point tester



Cleveland flash point tester



Distillation of petroleum products



Cloud & pour point (cpp)



Oxidation characteristics



Oil test centrifuge



Water separability of petroleum oils and synthetic fluids



Softening point tester (Ring and Ball Method)



Penetrometer

****Note: All petroleum testing products are available with ASTM, IP standards****

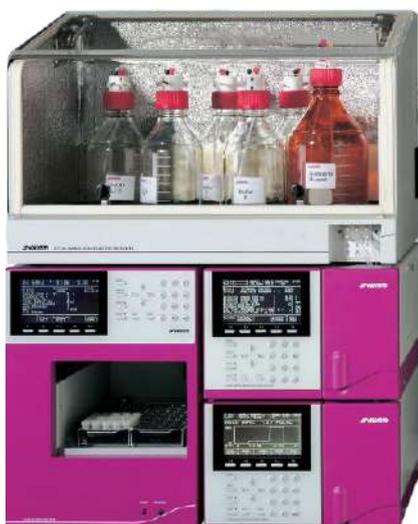


GC Chromatec-Crystal 9000

Crystal 9000 is a leading gas chromatograph in the Chromatic GC product line. Crystal 9000 has the highest performance and ability to meet a wide range of applications. Crystal 9000 is a fully automated, flexible, versatile instrument that features a wide range of detectors, injectors and external automatic samplers, and other devices.

Capability it can install simultaneously :

- Four detectors
- Three injectors (third as Packed Column Inlet)
- Up to 13 heating zones
- Six gas valves
- Ten flow/pressure controllers
- Optional 7 inch Touch Screen LCD



Amino-Acid Analyzer

- Integrated 2-plunger reagent dosing pump with adjustable flow rate (0.01 to 2.0 ml/min)
- Built-in dual filter photometer (440 and 570 nm) with constant signal output and signal summary option programmable signal offset
- Three different rise times selectable temperature-controlled column oven (20 to 99° C \pm 1° C) with active cooling capability
- Temperature controlled post-column derivatization reactor (up to 180° C \pm 1° C)
- Automatic valve for coil flushing
- Display of the actual system pressure
- Safety features (e.g. leakage of reactor and column, high pressure)

Analytical Specifications

- Hydrolysate sample: 30 - 50 min. analysis time
- Physiological sample: 70 - 180 min. analysis time
- sensitivity: 8 pMol (ASP, 3 pMol)



HPLC System

- Wetted Materials: Stainless Steel / PEEK*, Teflon AF®
- PVDF, Ceramics, Sapphire, Ruby
- Flow Rate: Programmable
- Micro: 0.001 - 4.000 ml/min
- Analytical: 0.001 - 10.000 ml/min
- Semi-Preparative: 0.1 - 40.000 ml/min
- Flow Accuracy: \pm 1.0 % 1.000 ml / min
- Flow Precision: \pm 0.1 % RSD 1.000 ml/min
- Pressure Range: 0 - 40 MPa (0 - 6000 PSI)
- Semi-Preparative: 20 MPa (up to 20.000 ml/min); 10 MPa (up to 40.000 ml/min)
- typical < 0.1 MPa or < 1.0 %
- Compressibility
- Compensation:
 - user-adjustable for different solvents
- Dimensions:
 - (W x H x D)
 - 396 x 165 x 478 mm
- Power Supply: 100 - 250 -V (47 - 63 Hz)

TEXTURE ANALYZER & POWDER FLOW TESTER



A Texture Analyzer is a texture measurement system that moves in either an up or down direction to compress or stretch a sample. Force, Distance, and Time data are collected and usually presented as a curve on a graph which, when analyzed, indicates the texture of the sample.

The PFT Powder Flow Tester delivers quick and easy analysis of powder flow behavior in industrial processing equipment. It is ideal for manufacturers who process powders daily and want to minimize or eliminate downtime and expense that can occur when hoppers discharge erratically or fail to discharge altogether.



CTX Texture Analyzer



CT3 Texture Analyzer



PFT Powder Flow Testers



Fruit Texture Analyzer



CT3 Standard Probe Kit

CONTENTS OF PROBE KIT

- 60 degree cone 30mm dia
- 12.7mm cylindrical w/rounded edge
- 60mm wide clear acrylic w/knife edge
- 1.0mm dia needle probe 43mm long
- 12.7mm cylindrical w/sharp edge (AACC std for bloom test)
- 25.4mm dia cylindrical w/sharp edge 35mm long
- 45 degree cone 30mm dia
- 30 degree cone 24mm dia
- 12.7mm dia ball probe
- 50.8mm dia cylindrical w/rounded edge 20mm long
- 0.33mm cutting wire in 40mm wide aluminum frame
- 2mm cylindrical probe 20mm long
- 38.1mm cylindrical w/rounded edge 20mm long
- 6mm cylindrical probe 35mm long
- 25.4mm dia ball probe
- 4mm dia cylindrical probe
- storage case

SOME MORE PRODUCTS WE DEAL IN !



We deal in lab equipment servicing and calibration. We also have a wide range of furnace, lab, and hardness machine consumables and spares. Apart from this, we have an authentic range of scientific instruments for all industries. Please visit our website for more information.



Microwave Digester



Tintometer Model F



Analytical Balance



Mango Quality Meter



Versatile Sand-Milling dispersing-agitator



PCR Machine



Compact lab Centrifuge



Lab Abrasive Cut Machine



Rototinner



Rockwell, Brinell, Vickers Digital Hardness Tester



TOC Analyzer

CHROMATOGRAPH & SPECTROPHOTOMETER RELATED CONSUMABLES



9 mm screw top vials, cap, septa



D2 Lamps



clear shell vial, PP shell vial with plug cap



Manual Decapper and Manual Crimper



Smart Sept (RFID)



GC HPLC Syringes



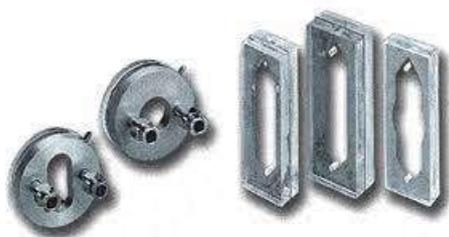
HPLC Column Oven



Ultrasonic Spray Nozzle



Gas Cells



IR/FTIR Cells



Viscosity Standards



Conostan Oil Standards



Laboratory Pipettes



Hollow Cathode Lamp



Comparator Discs

Greetings from VISCOTECH

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Request you to find our product range for various industries including Pharmaceuticals, Petroleum, Paints, Coatings, Food and Beverages, Chemicals, Agriculture, Research labs and Educational Institutes, Metallurgy, etc

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