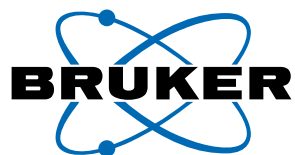


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Bruker Optics



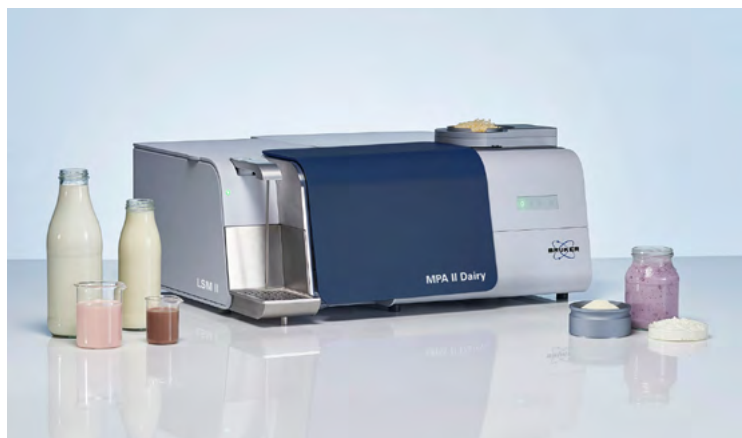
TANGO-R



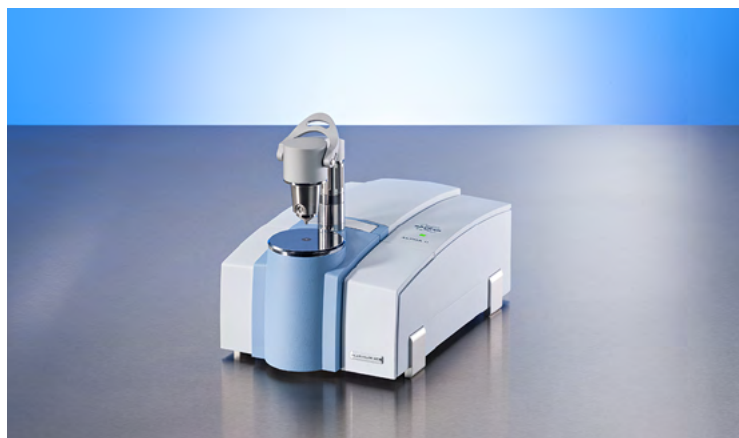
BRAVO – Handheld Raman



LUMOS II FT-IR – Microscope



MPA II – Dairy Analyzer



Alpha II – ATR module

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Applications

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- Food & Feed Industry
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- Electronics & medical devices
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XL2 XRF – Analyzer



XL3t XRF – Analyzer



XL5 Plus – Handheld XRF Analyzer



Niton Apollo – Handheld LIBS Analyzer for Carbon Equivalency Testing



Niton DXL – Precious Metal Analyzer



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Eclipse Brix 50 – Optical Handheld Refractometer



Sucrose Solutions

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Bellingham + Stanley is a manufacturer of high quality digital refractometers, polarimeters and density meters used globally in industries including food & beverage, chemical, petrochemical, and pharmaceutical.

Applications

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 - fruit ripeness (or Brix measurement)
 - acidity and sugar content
- Industry
 - viscosity of polymers and oils
 - development of fine or chiral chemicals
 - monitoring the concentration of blended products like urea based diesel exhaust fluids
 - measuring TAN, COD, hydrogen peroxide
 - trace oil analysis
 - turbidity meters
 - photometers
- Life Science
 - pH, conductivity, dissolved oxygen, salt content and temperature
 - bacteria or fungi
 - biomass determination
 - sugar content
- Food & Beverage
 - Water Monitoring
 - Livestock & Aquaculture
 - Fruit & Vegetables
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Use of high quality standards and reference materials ensures test reliability and accuracy. This is why the National Institute of Standards and Technology (NIST) delegated responsibility to CANNON for U.S. national standards for certified liquid viscosity reference standards in 2003.

CANNON's Quality System Scope

- The design, manufacture and certification of viscosity standards and the viscosity certification of customer-supplied materials.
- The design, and manufacture of flash point reference materials.
- The provision of calibration services for viscometers.

CANNON accepts complaints and handles them according to the requirements of ISO 9001, ISO/IEC 17025 and ISO 17034.

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Having at own disposal glassblowing, mechanical electric, software and RnD departments the company offers 100% inhouse manufactured systems by long term experienced team.

PILODIST is offering a wide range of standard products and systems but is also capable to offer tailor-made solutions according to special requirements. The very long experience and the extended list of worldwide users in many different industries guarantees a continuous development of all products to the most actual state of the art technologies.

The company has been six times awarded as a fastest growing company on the distillation systems market and continues to grow developing new instruments and making the existing ones even better.

The lineup of the PILODIST consists of following instruments:

- The PD100-series are manual, semi-automatic and fully automatic distillation systems according to ASTM D2892

- The PD200-series are manual, semi-automatic and fully automatic distillation systems according to ASTM D5236
- The PILODIST PD400-series are semi-automatic and fully automatic systems combined from associated PD100 and PD200 modules to provide the distillation of crude oil through both D2892 and D5236 test methods.
- The PD300-series are manual, semi-automatic and fully automatic distillation systems according to ASTM D1160
- The PD300-series has two customized solutions which operates over the ASTM D1160 requirements, but designed to solve similar tasks with higher performance: the PD350CC, equipped with fraction collector for 5 final receivers 200 ml each; and the PD300CC-HT, which employs the distillation and column made of stainless steel with maximum operation temperature up to 650°C and max. AET of approx. 850°C.
- The PILODIST PD1120CC is the single fully automatic instrument according to ASTM D1120
- The PILODIST PD 4929 S is the fully automatic crude oil distillation system used for Naphtha fraction distillation as a part of ASTM D4929
- The PILODIST QD500CC is an ultra-fast distillation system for fully automatic fractionation of small quantities of stabilized petroleum, natural and synthetic products, except liquified petroleum gases, very light naphtha and fractions having initial boiling points above 500°C AET

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Quickdist 500CC – Fully Automatic Methods: ASTM D-2892



PETRODIST 100 CC – Fully Automatic Methods: ASTM D2892



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Petroleum Testing & Beyond



Automated Micro Carbon Residue Tester
Methods: ISO 10370, ASTM D4530, etc.



Automated Abel Closed Cup Flash Point Tester
Methods: ISO 13736, IP 170, ISO 1516, ISO 1523



Automated Distillation Tester
Methods: ASTM D86, ASTM D850, ASTM D1078, ISO 3405, IP 123, JIS K 2254a



Automatic Pour / Cloud Point Tester
Methods: ASTM D6749, D7683

Since the foundation in 1892, Tanaka Scientific Limited has been engaged in manufacturing and sales of scientific instruments, through which they have contributed to the progress of science and technology. During the latter half of 1950s, Tanaka drew its main focus to the petroleum testing apparatus, and ever since then we have been delivering high quality and user friendly instruments to mostly the quality testing laboratories at refineries, as well as other selected scientific instruments for non-petroleum sectors.

Another area Tanaka Scientific has been committed is the standardization of petroleum test methods. TANAKA has been actively involved in the standard making and maintenance processes at Japan Industrial Standard(JIS) since 1968, ISO TC28 since 1983, and ASTM International

since 1982. As a leading manufacturer, Tanaka Scientific has proposed some new test methods at these organizations, and some have been adopted and now preferred by number of world-class users for the better precision and higher laboratory productivity.

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Quantum Oxidation Tester
Methods: ASTM D2272, D2112, D4742, D7098, D942, IP229



Noack S2 Volatility Test
Methods: ASTM D5800, CEC L-40-93



TFAB Tannas Foam Air Bath
Methods: ASTM D892, D6082, D1881, D7840



TBS 3000 HTHS
Tapered Bearing Simulator Viscometer
Methods: ASTM D4683, D6616



King MRV TP-1
Mini-Rotary Viscometer
Methods: ASTM D3829, D4684, D6821, D6896



TBS 2100 E-F
HTS Tapered Bearing Simulator
Viscometer
Methods: ASTM D4683,



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Petra 4294 – Ultra-Low 4294 Sulfur Analysis
Methods: ASTM D4294, ISO 8754 & IP 336
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Methods: ASTM D4294, ISO 8754 & IP 336
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Sindie +Cl – Measure Both Sulfur & Chlorine with One Instrument
Methods: ASTM D2622, D7039, D4929, D7536 & ISO 20884



Clora 2XP – Sub-ppm Chlorine Analysis
Methods: ASTM D7536 & D4929



Sindie 7039 G3 – Sulfur Analysis as Low as 0.15 ppm
Methods: ASTM D7039 & ISO 20884



Signal – Total Silicon Analysis as Low as 0.65 ppm
Method: ASTM D7757



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Total Sediment Tester
Methods: ASTM D4870, IP375, ISO 10307

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Automated Stability Analyser
Method: ASTM D7060-12

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