

Life Science Agencies List

DKSH delivers scientific solutions, enabling our customers to solve their unique and difficult analytical challenges.

We achieve this through our expert application support and training, enhancing our quality equipment and after-sales service.

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Instruments



Biotechnology automated analysers for cell culture analysis.
www.novabiomedical.com



Endotoxin testing, LAL, control standard endotoxin (CSE), dilution tubes, tips, LAL plates, LAL water, instrumentation.
www.acciusa.com



Platelet aggregometers and reagents.
www.chronolog.com



Flash chromatography systems for organic purification, drug discovery, medicinal chemistry and natural product separations.
www.isco.com



Freezers, Refrigerators, ice machines, freeze dryers and laboratory vacuum pumps
www.telstar-lifesciences.com



Foetal bovine serum
www.dksh.com.au/instrumentation

General lab equipment



General laboratory products and benchtop equipment.
www.bibby-scientific.com



Cryogenic Vials, boxes and freezer racks.
2D barcoding
www.cryoking.com



Laboratory range of products includes sample centrifugation and concentration, PCR, cryogenic, liquid handling
www.biologixgroup.com



Freezers, centrifuges, ovens and incubators
www.froilabo.com



Pipet-Aids, microdispensers, oocyte injectors and capillary tubing.
www.drummondsci.com

Consumables and reagents



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<http://direct.com.au/lab>



Slides, heating stages, perfusion pumps and accessories for live cell imaging.
www.ibidi.de



ELISA Kits for in vitro diagnosis of infectious diseases. CFT reagents.
www.virion-serion.de



Colorful, innovative and functionally designed laboratory supplies and equipment.
www.heathrowscientific.com




Centrifuges, spectrophotometers, freezers, plate washers and plate readers.
www.hitachi-koki.com, www.dynamica.com.au

Capabilities in Life Science

Products	Range	Brands
Cell counters	Automated cell density / viability analyser	NOVA
Cell culture analysers	Up to 15 vital cell culture tests - glucose, glutamine, ammonium, PO ₂ , sodium, Ionised calcium, lactate, glutamate, pH, PCO ₂ , potassium, cell density/ viability/diameter, osmolality, IgG or P04	NOVA
Centrifuges	Refrigerated and non-refrigerated centrifuges. Micro, large capacity, high speed and Ultra centrifuges.	Hitachi, Dynamica, Froilabo
Colony counters		Stuart
ELISA automation	4 plate fully automated ELISA analyser	Virion Serion
Endotoxin testing	Reagents and instrumentation for endotoxin testing	ACC
Flash chromatography	Hardware and columns	Teledyne Isco
Fetal bovine serum		DKSH
Freezers & refrigerators	Freezers 175L – 1000L, -20 Deg C - -80 Deg C. Refrigerators 130L – 1400L stainless steel or glass door	Froilabo, Telstar
Heating blocks		Techne, Stuart
Homogenisers	Handheld, laboratory, ultrasonic, industrial	Stuart
Rotary evaporators		Stuart
Stirrers, hotplate stirrers and hotplates	Digital and analogue, variety of sizes	Stuart
Incubators	General purpose, refrigerated, microtitre plate incubator, hybridisation incubator and shaker, hybridisation bottles, incubator with orbital shaker	Froilabo, Stuart
Infectious disease testing reagents	CFT, ELISA, antigens and controls	Virion Serion
Liquid handling	Pipet-Aids, pipettes	Drummond
Melting point	Automatic, digital, analogue	Stuart
Mixers, Rollers & Shakers	Rollers, rotators, vortex mixers	Stuart
Ovens	Universal ovens, hybridisation ovens	Froilabo, Techne
Plasticware consumables	Flasks, bottles, cell scrapers, tissue culture plates, centrifuge tubes, tissue culture dishes, serological pipettes	Jet-Bio
Platelet aggregometers	Whole blood, PRP, ATP, digital and analogue models	Chrono-Log
Spectrophotometers	UV/VIS, fluorescence, NIR	Dynamica, Hitachi
Thermal cyclers	Personal, full Size and Real-Time PCR system	Techne
Waterbaths	General purpose, heating, cooling, circulating	Stuart
Water purification		Stuart

Chemical Analysis Agencies List

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Environmental



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Material Science



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Cloud, pour and freeze point analysers for laboratory and online applications.
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Dedicated fuel analysers, including combustion, IC prep and Chlorine/ Sulfur systems. Karl Fischer moisture analysers and automatic titrators.
www.dins.jp



Tribology testing equipment specializing in the study of friction, wear, abrasion, and erosion.
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General Laboratory



Laboratory stirrers, rockers, shakers, sample concentrators, gelation timers, heating blocks and incubators.
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www.pulseinstrumentation.com



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Environmental Solutions

Analytical solutions for field, laboratory and on-line use

The impact of environmental issues on our surroundings and health remains as one of the key topics in society. Organisations are constantly faced with new government policies and regulations that result in monitoring and reducing emissions as well as requirements

to change processes that will result in a safer and cleaner future. DKSH specialises in several focus areas where environmental analysis is applied and managed.

- Environmental contaminants
- Water quality parameters
- Major anions and cations
- Heavy and trace metals
- Trace organics
- Nutrients



Water

pH	Color	Hardness	Cyanide
Alkalinity	COD	TOC/TN/TIC	Phenol
Acidity	BOD	Oil & Grease	Mercury
Conductivity (EC)	Dissolved Oxygen	Anions	VOCs
Fluoride	TSS	Metals	Pesticide residues
Turbidity	TDS	Nutrients	TKN



Soil

pH	Cations	Pesticide residues	Moisture analysis
Alkalinity	C, H, N, S, O	Soil carbon	Stability
Acidity	Metals	(organic /inorganic)	Separation
Conductivity (EC)	Nutrients	Acid Sulphate Soils	Degradation
Fluoride	Cyanide	Salinity	Isotope Ratio Mass
TOC/TN/TIC	Mercury	Particulates	Spectrometry
Anions	VOCs	CO ₂ Analysis	



Air Monitoring

Alkanes (C ₁ -C ₆)	PAH	Compounds	Ammonia
Anions	Particle size	Compositional	Aldehydes
BTEX & S	PCB	Analysis (C ₁ -C ₈)	Sulphur
Dust fall Light Gases (O ₂ , N ₂ , CO, CO ₂)	Dioxins/Furans Silica	CO ₂ , O ₂ , Benzene, H ₂ S, N ₂	Mercury
Metals	TVOC	Amines	Carboxylic Acids
	Volatile Organic		



Waste Management

COD	pH adjustment	Filtration	Waste cost analysis
BOD	Polymer	Water recovery	Trace and heavy metals
TDS	Flocculation	Operating costs	

Scientific Instrumentation

Australia

Business partners



Multi-parameter, titration, BOD and COD analysis for laboratory and process testing. www.mantech-inc.com



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Oil and Gas

Process analytics for field, laboratory and on-line solutions

Global organisations engaged in the exploration, production, refinement and distribution of oil and gas continue to grow significantly. This is becoming increasingly more important as the worldwide demand for energy continues to grow.

The development needs for cost effective and efficient processes for the continued refinement of crude oil and gas, conversion of renewable energy sources such as biomass and methods for carbon capture and carbon sequestration remain in strong demand. With such investments in process and chemical engineering it is important to protect and monitor the efficiency of the plants.

The DKSH solutions presented below for the Oil and Gas industry cover sampling in the field, laboratory testing for quality improvements of the product as well as on-line systems for continuous process monitoring.



Field

Stable isotope analysis using isotube collection, mercury traps using pressure let down setups



Laboratory

Carbon, sulphur, water, mercury analysis



Coal

Core flooding, carbon analysis



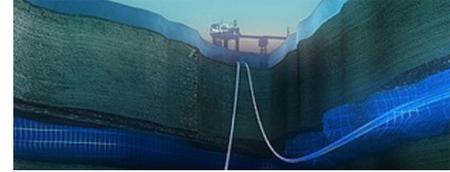
Environmental and Waste Management

TOC, COD and BOD Analysis



Process Plant

Cloud point, freeze point, pour point, mercury analysis, waste management



Coal Seam Gas

Carbon geosequestration, mercury analysis

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Cloud, pour and freeze point analysers for laboratory and online applications.
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Energy Resources

Analytical solutions for field, laboratory and on-line use

Energy Resources encompasses many areas including Petrochemicals, other fossil fuels, such as coal or natural gas, or renewable sources such as corn or sugar cane.

Traditionally, petroleum products are grouped into three categories: light distillates (LPG,

gasoline, and naphtha), middle distillates (kerosene, diesel), heavy distillates and residuum (heavy fuel oil, lubricating oils, wax, and asphalt). This classification is based on the way crude oil is distilled and separated into fractions. Analysis of product is often in the following areas.



Petrochemical

Petrol, diesel, aviation and LPG, sulphur, mercaptan, TAN, TBN, Cloud Point, Flash Point.



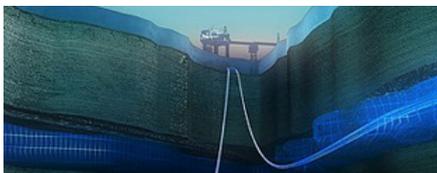
Bitumen

Flash point, softening point, density, break point, oil content



Lubricants and Grease

Viscosity, foaming, oxidative stability, sulphur



Coal Seam Gas

Carbon geosequestration, mercury analysis, stable isotopes



Process Plant

Cloud point, freeze point, pour point, mercury analysis, waste management



Biofuels

Viscosity, vapor pressure, moisture content



Coal

Core flooding, carbon analysis, sulphur analysis

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