

## Biacore T200 SPR



The Surface plasmon resonance instrument can be used to characterize molecular interactions between biomolecules ranging in size from ions to viruses.

## MALDI TOF/TOF Mass Spectrometer



Applications in fully automated proteomics experiments, LC MALDI analyses, functional genomics, quality control and polymer interrogation.

## MerMade Oligonucleotide synthesizer



The MerMade oligonucleotide synthesizer is designed to synthesize DNA, RNA and LNA oligonucleotides in column format using standard or modified chemistries.

## Agilent Cary 3500 UV/Vis Spectrophotometer



the Cary 3500 offers significant upgrades. It features eight cuvettes, precise and rapid temperature control for samples from -5 to 110 °C without the need for water, and the ability to independently control temperature in paired cuvettes.

## Elemental Analyzer (ICP-MS)



ICP-MS is the ideal trace elemental analyzer for a wide range of sample types and industries.

## BD FACSVerser Cell Analyzer



The flow cytometer provides rapid multi-parametric analysis of single cells in solution. It utilizes lasers as light sources to produce both scattered and fluorescent light signals that are read by detectors.

## Roche LightCycler 96 qPCR



A real-time PCR instrument for rapid cycling up to 96 samples. Applications include absolute and relative quantification, melting curve analysis, and endpoint genotyping.

## Shimadzu QP2020 NX Single Quadrupole GC-MS



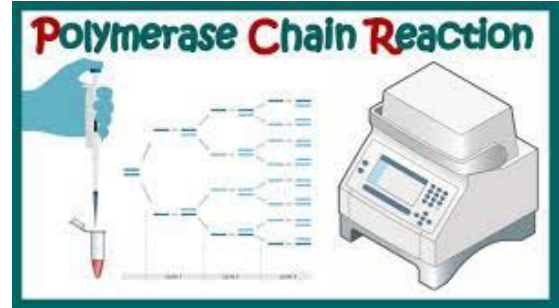
The GCMS-QP2020 NX features a Smart-CI source for easy switching between EI and PCI methods and a Smart SIM™ function for automatic method creation. It supports helium and methane carrier gases, offering versatility for diverse analytical applications.

## Agilent 2100 Bioanalyzer



It offers fast and automated separation, sizing and quantification of DNA, RNA and proteins by miniaturized Lab-on-a-Chip electrophoresis.

## Thermocycler-PCR



PCR rapidly amplifies DNA to produce millions to billions of copies of a specific segment of DNA, which can then be studied in greater detail.

## GE AKTA pure FPLC



The GE Fast Protein Liquid Chromatograph (FPLC) is a chromatography system designed for flexible, reliable, and intuitive purification of proteins.

## Odyssey DLx Infrared Imager



The Odyssey DLx provides the established standard for Western blot analysis. High signal-to-noise ratios and outstanding image quality with powerful, precise laser excitation and specialized optics.

## Azure Sapphire Biomolecular Imager



The Azure Sapphire Imager is a laser scanning system with 4 lasers (488, 520, 658 and 784 nm) giving a wide range of excitation. The instrument supports long and short wavelength, near IR fluorescence, red/green/blue imaging, phosphor imaging, and chemiluminescent imaging.

## LI-COR C-DiGit Chemiluminescence Western Blot Scanner



The LI-COR C-DiGit Western Blot Scanner offers chemiluminescent Western blot imaging without film. It develops film-quality images without the hassle and expense of film development.

## Nexcelom Cellometer Vision



Cellometer Vision is an automatic cell counter that combines bright field microscopy and fluorescence detection to determine total cell numbers, measure cell viability, and quantify GFP expression. It is an alternative to flow cytometry for cell cycle analysis.

## Agilent Seahorse XFe96 Analyzer



The Seahorse XFe96 Analyzers measure the oxygen consumption rate (OCR) and extracellular acidification rate (ECAR) of live cells in a 96-well plate format.

## BioTek Cytation 5 Cell Imaging Multi-Mode Reader



The BioTek Cytation 5 is a platform that combines automated microscopy and conventional microplate detection. It collects phenotypic and quantitative data in a single experiment.

## Agilent xCELLigence Real-Time Cell Analysis DP



The xCELLigence continuously measures cell invasion and migration (CIM) and monitors cell health, behavior, and function using label-free cellular impedance. DP model can run up to three separate electronic 16-well plates.

## Bio-Rad ChemiDoc XRS+



Designed for detecting proteins, nucleic acids, and other biomolecules using chemiluminescence, fluorescence, and colorimetric methods. It offers high sensitivity, multiplexing capabilities, and is widely used in applications like western blotting and gel electrophoresis.

## 3500xL Genetic Analyzer



A 24-capillary robust instrument utilized for high-throughput DNA sequencing and fragment analysis, delivering accurate and efficient genetic data across various research applications.

## Nanotemper Tycho NT.6



The Tycho NT.6 can be used to study the stability of protein samples in different buffers and to verify protein quality by looking at the structural integrity (or foldedness) of a protein.

## Thermo Scientific Nicolet 380 FT-IR



The Nicolet 380 FT-IR spectrometer is used to obtain an infrared spectrum of absorption or emission of a solid, liquid, or gas. Nicolet 380 is a reliable, easy-to-use system that helps identify, quantify and verify samples.

## Jasco J-1100 Circular Dichroism spectrophotometer



The J-1100 CD is specifically designed for high sensitivity measurements in the near- and far-UV regions, for scientists who need confidence in data from characterization studies of biomolecule structure, function, and stability under a wide variety of experimental conditions. The wavelength range is from 180 to 600 nm.

## Jasco P-2000 Polarimeter



The P-2000 polarimeter measures the optical rotation of optically active substances. It provides a single Tungsten source and two wavelengths (589 or 365nm) as well as two cell aperture sizes: 3mm for 1ml volumes and 8mm for 10ml volume.

## Illumina MiSeq



The MiSeq is an integrated instrument that performs clonal amplification, sequencing, and data analysis (base calling, alignment, variant calling, and reporting) in a single run.

## Roche LightCycler 480 II



A PCR platform (96- or 384-well plates) that provides various methods for gene detection, gene expression analysis, genetic variation analysis, and array data validation.

## Nikon ECLIPSE Ti2 inverted microscope



The Nikon inverted microscope includes 4 lasers for confocal imaging (405nm, 488nm, 561nm, and 640nm) and vastly expanded spectral capabilities with the ability to capture and unmix data acquired at any channel resolution across the entire detector bandwidth.

## Nikon ECLIPSE E600 Upright microscope



Nikon's Eclipse E600 research microscope is equipped with the revolutionary CFI60 infinity optical system, providing bright, sharp, crisp and clear images in all applications.

## Thermo EVOS M7000 microscope



The EVOS M7000 microscope is a fully automated imaging system, incorporating both monochrome and color high-resolution CMOS cameras for the best of both fluorescent and colorimetric imaging.

## Beckman Avanti-J-E high-speed centrifuge



The Beckman Coulter Avanti-J-E high-speed centrifuge comes with three fixed angle rotors:

- JA-10: 6 x 500 and 250ml, 10,000rpm,
- JA-20.1: 32 x 15ml, 20,000rpm
- JA-20: 8 x 50ml, 20,000 rpm



## Beckman Optima MAX-TL Ultracentrifuge



The Optima MAX-TL tabletop ultracentrifuge can run up to 120,000 RPM in 1000-RPM increments for a variety of application. It holds micro tubes (from 0.25ml up to 13.5 ml).

## Thermo Multifuge X3R Benchtop Refrigerated Centrifuge



The refrigerated X3R centrifuge is meant to separate materials of different density or particle size in a liquid by generation of Relative Centrifugal Force.

## Beckman Optima™ L-100 XP ultracentrifuge



The Optima L-XP utilizes the most advanced materials and technology to achieve the high performance needed - up to 100,000 rpm - for extending the boundaries of research.

## BioTek Synergy H1 Plate Reader



BioTek Synergy H1 is a modular multimode microplate reader, with monochromator-based optics and filter-based optics.

## Leica Cryostat CM3050 S



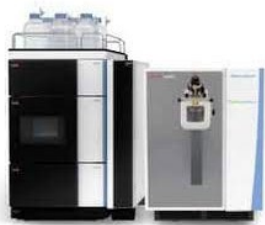
Used for sectioning frozen tissue samples in research and clinical settings. It offers precision, versatility, and safety features to ensure accurate and efficient specimen preparation.

## Lonza 4D Nucleofector



used a specific combination of optimized electrical parameters and cell type-specific solutions which enables transfer of a molecule directly into the cells' nucleus.

## Thermo Orbitrap Exploris 240 LC/MS System with Microflow



Offers high sensitivity, resolution, and dynamic range, making it ideal for both targeted and untargeted analyses in fields such as metabolomics, proteomics, and drug discovery.

## Nanotemper Microscale Monolith X



The Monolith system's fluorescence-based detection accurately assesses biomolecular interactions, employing MicroScale Thermophoresis (MST) to measure binding affinities, kinetics, and thermodynamics.

## Thermo Nanodrop One UV-Vis Spectrophotometer



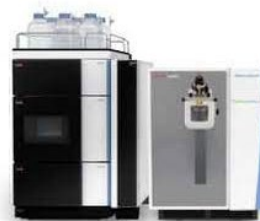
It quantifies DNA, RNA, and protein samples using just 1-2  $\mu\text{L}$  in seconds, providing full-spectral data. Features include an ergonomic design, high-resolution touchscreen, auto-range pathlength technology for concentrated samples without dilution, and an additional cuvette position.

## Agilent 6475 Triple Quadrupole LC/MS System



Used for the detection, identification, and quantification of molecules in complex samples. It combines high sensitivity and selectivity with the ability to analyze multiple reaction monitoring (MRM) transitions, making it suitable for a wide range of applications.

## Thermo Orbitrap Exploris 240 LC/MS System with Nanoflow



Compatible with the Vanquish NEO system, it offers a low flow rate range from 0.001 to 100  $\mu\text{L}/\text{min}$ , providing high sensitivity, resolution, and dynamic range, making it ideal for applications in metabolomics and proteomics.

## Leica Microsystems Ivesta 3 Stereo Microscope



With this generation of Greenough microscopes operators will be able to reveal details faster as they spend less time having to adjust the microscope.