

lab instrumentation list

GC/MS semi-volatiles

Hewlett-Packard 5890 Series II Gas Chromatograph equipped with a 5972 Mass Selective Detector and a 7673C Autosampler Data System

Hewlett-Packard 5890 Series II Gas Chromatograph with Electronic Pressure Control equipped with a 5971B Mass Selective Detector and a 7673 Automatic Injector

Hewlett-Packard 5890 Series II Gas Chromatograph with Electronic Pressure Control equipped with a 5971B Mass Selective Detector and a 7673A Automatic Injector

Hewlett-Packard-MSD Gas Chromatograph with Electronic Pressure Control with an upgraded 5972 Mass Selective Detector and a 7673B Automatic Injector

GC semi-volatiles

Hewlett-Packard 5890A Gas Chromatograph with Dual Split/Splitless Injectors and Dual Flame Ionization Detectors equipped with a 7673A Automatic Injector

Hewlett-Packard 5890 Gas Chromatograph with a Universal Injector and a Flame Ionization Detector and an Electron Capture Detector equipped with a 7673A Automatic Injector

Varian 3400 Gas Chromatograph with an Electron Capture Detector and a Universal Injector equipped with an 8200 Autosampler

Varian 3400 Gas Chromatograph with an Electron Capture Detector and a Split/Splitless Injector equipped with an 8200 Autosampler

Varian 3400 Gas Chromatograph with an Electron Capture Detector and a Universal Injector equipped with an 8100 Autosampler

Hewlett-Packard 5890 Gas Chromatograph with a Flame Ionization Detector and a 7673A Automatic Injector

HPLC

Applied Biosystems 150A Dual Channel High Performance Liquid Chromatography System with Ultraviolet and Fluorescence Detectors and a WISP 710B Autosampler

GC/MS volatiles

Hewlett-Packard 5890 Series II Gas Chromatograph with Electronic Pressure Control and a 5972 Mass Selective Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Centurion Dual Mode Autosampler

Hewlett-Packard 5890 Series II Gas Chromatograph with Electronic Pressure Control and a 5971A Mass Selective Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Dynatech PTA Autosampling System

Hewlett-Packard GCD Gas Chromatograph with Electronic Pressure Control with an upgraded 5972 Mass Selective Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Centurion Dual Mode Autosampler

Hewlett-Packard 5890 Gas Chromatograph with a 5971A Mass Selective Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Dynatech PTA Autosampling System

Hewlett-Packard-GCD Gas Chromatograph with Electronic Pressure Control with an upgraded 5972 Mass Selective Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Dynatech PTA-30 Autosampling System

GC volatiles

Varian 3300 Gas Chromatograph with O.I. 430 Photo Ionization Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Dynatech PTA-30 W/S Water and Soil Autosampling System

Varian 3400 Gas Chromatograph with Dual Varian Flame Ionization Detectors

Varian 3400 Gas Chromatograph with Varian Flame Ionization Detector

Wet chemistry group

Lachat QuikChem® 8000 Instrument with XYZ Sampler

Mettler DL-21 Auto-Titrator with Probes for Alkalinity and Chloride Analyses

Kontes Midi Cyanide Distillation Unit

Dionex DX500 Ion Chromatograph System

Perkin Elmer 1650 FT-IR Fourier Transform Infra-Red Spectrophotometer

Two Milton Roy Spectronic 21 Digital Spectrophotometers

O.I. Corporation Model S3000 Flow Analyzer with a Model 5027 Autosampler

O.I. Corporation Model 700 Total Organic Carbon Analyzer with Autosampler

Spectronic™ Genesys 5 UV/Vis Spectrophotometer

YSI5100 Dissolved Oxygen Meter

Orion 830A Dissolved Oxygen Meters

Orion Model 122 Conductivity Meter

YSI Model 3200 Conductivity Meter

Euroglass 1200 AOX Analyzer

Pensky-Martens TS-74745 AP-9 Flash Point Tester

Konelab Aqua 20 Discrete Analyzer

Horizon SPE-DEX 1000XL Extractor

Metals group

Perkin Elmer Sciex Elan 6100 Inductively Coupled Plasma Mass Spectrometer

Jobin Yvon Ultima 2 Inductively Coupled Plasma Atomic Emission Spectrometer with AS421 Autosampler

Perkin Elmer AAnalyst 600 Atomic Absorption Spectrophotometer with Zeeman Background Correction

Leeman Labs PS-200 Automated Mercury Analyzer - Cold Vapor Atomic Absorption

Millennium Merlin Atomic Fluorescence Low-Level Mercury Analyzer

Field sampling

Isco Model 2910 Wastewater Sampler

Two Isco Model GLS Wastewater Samplers

Isco Model 3700 Wastewater Sampler

Stainless Steel Hand Auger with Four (4) Five Foot Extensions

Two Conductivity-Type Well Depth Measuring Devices

Hanna Instruments: pH, Temperature, Conductivity, TDS Meter

Hanna Instruments: Field Turbidimeter

Mobile laboratory

Sixteen Foot Custom Designed Trailer with High Purity Gas Manifolds, Refrigerator, Air Conditioning, Heating and Sink

Two Mettler BD 202 Balances

Two 5000 Watt Honda Generators

Hewlett-Packard GCD Gas Chromatograph with Electronic Pressure Control with an upgraded 5972 Mass Selective Detector coupled with a Tekmar LSC-2000 Purge and Trap Concentrator and a Dynatech PTA-30 Autosampling System

Air quality

Apex Instrument Complete EPA Method 5 Stack Sampling

Hot Wire Anemometer

Olympus BH-2 (BHSP) Polarized Light Microscope

Olympus CH-2 Phased Contrast Microscope

Four SKC Personal Air Sampling Pumps

Drycal DC-Lite Primary Flow Meter

High Volume Air Sampling Pump

Bacharach Electronic Gas Analyzer for Carbon Monoxide

Bacharach Electronic Combustion Gases Meter
