

## FEDEGARI, SWITZERLAND - AUTOCLAVE

- Single Door & Double Door Models ( 50 litres to 730 litres )
- Advanced features for sterilizing glassware, media preparation, liquids in open container and liquids in sealed/closed containers etc.,
- Suitable Autoclave for BSL 3-4 laboratories
- Air/Steam counterpressure cycle
- Various Pharmacopoeia cycle programs including Glass grain test
- Calculation of F0 value

## ILSHIN BIOBASE, EUROPE

- Freeze Dryer / Lyophilizer
- Lab / Pilot / Production Scale

## DYNAMICA, UK - REFRIGERATED CENTRIFUGE

- Refrigerated Benchtop Centrifuge (Speed - 14k, 18k & 30K rpm)
- Refrigerated Micro-centrifuge

## COLEPARMER

- Water Bath / Chiller / Circulators – CP India
- Stirres / Hotplates – Stuart
- Melting Point Apparatus – Stuart
- Nano / Micro Volume Spectrophotometer – Jen way
- Vaplock Solvent Collection System



## AURORA, CANADA - MICROWAVE DIGESTION SYSTEM

- 6 Vessels (400 psi) & 10 Vessels ( 800psi) Operating Pressure
- Top Loading
- 250°C Operating Temperature
- Microwave Power 1200 W & Magnetron Frequency 2450 Mhz
- Compliment system for your AAS, ICP-AES, ICP-MS & Amino acid Analysers.

## PRECISA, SWITZERLAND

- Analytical Balance
- Semi Micro Balance
- Precision Balance
- Moisture Analyser

## HPLC LAMPS

- D2 Lamps from Coleparmer for
  - » HPLC Detectors for Shimadzu, Agilent, Waters, Thermo
  - » New Water's Acquity
  - » UV-VIS Spectrophotometer

## SOLVENT INLET FILTERS

- For any HPLC
- PTFE Cap
- Leak proof sealing



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### Branches:

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**Product**  
Profile

# ANALYTICAL

## EVOQUA (SIEMENS), GERMANY - ULTRAPURE WATER SYSTEM

- Lab Ultrapure Water Purification System (Type I/II/III)
- High Flow rate Pure (Type II) Water System for Disso
- High Flowrate Ultra Pure (Type I) water system for electronics / wafers/ chip industries



## INEXUS - GALAXY LAB RO SYSTEM

- Feed for Type I & II Water System
- Laboratory use
- Pre-Filtration Assembly for lab Water Systems are also available.

## SMEG, ITALY - AUTOMATED GLASSWARE WASHER & DRYER

- Professional Automatic washing & drying of Lab Glasswares
- Reduces Breakage / Saves Water / Unskilled Manpower
- Validation can be performed

## VICI AG, SWITZERLAND - LAB GAS GENERATORS

- Hydrogen, Nitrogen & Zero Air for GC application
- Nitrogen for LC-MS application
- Other applications like ICP, ELSD, TOC, Thermal Analysis, Environmental Analysis, Turbo Evaporator (N2 Concentrator)



# SPECTROSCOPY

## HITACHI, JAPAN

### » UV VISIBLE SPECTROPHOTOMETER

UH-5300	U-2900/2910	U-3900/3900H
Fixed bandwidth (1nm)	Fixed bandwidth (1.5nm)	Variable bandwidth
Xenon flash lamp	D2 & WI lamp	D2 & WI lamp

### » UV VISIBLE NIR SPECTROPHOTOMETER - (UH - 4150)

- Large Sample compartment
- Integrating Sphere and Direct Light Detection system
- Transmittance / Specular reflectance / Diffuse reflectance and Total reflectance measurements
- **Benchtop UV Vis NIR (UH-5700) also available.**

### » FLUORESCENCE SPECTROPHOTOMETER

F-2700	F-4700	F-7000	F-7100
Sensitivity S/N 10000:1	Sensitivity S/N 15000:1	Sensitivity S/N 15000:1	Sensitivity S/N 20000:1
W/L accuracy : ±2nm	W/L accuracy : ±1.5nm	W/L accuracy : ±1nm	W/L accuracy : ±1nm

Note : Polarization, Quantum yield, temperature control & microplate accessory available.

### » AURORA, CANADA - ATOMIC ABSORPTION SPECTROMETER ( AAS)

- Flame, Graphite Furnace and Hydride / Vapour Generation System
- 8 Lamps 2-D Motorized Array & Integrated Autosampler
- D2 and Smith-Hietfje background correction techniques
- Patented Micro Volume Flame Analysis - volumes as low as 20µl for flame

### RIGOL - UV VISIBLE SPECTROPHOTOMETER

- Double Beam Variable Bandwidth
- HPLC is also available



# CHROMATOGRAPHY

## HITACHI, JAPAN

### AUTOMATED AMINO ACID ANALYSER (AAA)

- Detection limit of 2.5 pmol
- Dedicated analyser with post column Ninhydrin method
- Built-in Ammonia filter column
- UV Detector
- PH & PF models available



### HITACHI, JAPAN - UPLC/HPLC

- Excellent performance with 20,000/9,000/6,000 psi pressure
- Binary / Quaternary Gradient
- Autosampler, Column Oven
- UV/PDA/FL/RID/ELSD

## WATERS CORPORATION, USA

### SUPERCritical FLUID CHROMATOGRAPHY

System	Loading (mg)	Capacity (g/24 hr)
Investigator Analytical cum Semi Prep System	1-5	4
Prep 150 MGM	20 - 1000	150
Prep 350	50 - 1000	300

### SUPERCritical FLUID EXTRACTION SYSTEM (SFE)

- 500ml, 1L, 2L, 5L & 2x5L Systems

### NANO PARTICLE FORMATION SYSTEM

- SAS
- RESS

### CORE SEPARATIONS, USA

- Supercritical Fluid Extraction System - Both Lab & Pilot Scale

