

A select list of Instruments for Analytical Services

Instrument	Specifications
NMR	400 MHz-
HPLCs	Detector - UV/ECD/PDA/RI/Chiral detector
GCs	Detector - FID/ Autosampler/Direct Injection, Headspace
CHONS	Estimation of Carbon, Hydrogen, Nitrogen and Sulphur
Ion Chromatograph	For cations and anion analysis
LC-MS with Trap	ESI/APCI Modes
GC-MS	EI / NCI / PCI & direct probe modes
FTIRs	with DRS 8000 system no requirement for pelleting
Flash Chromatography	For impurity isolation
Karl-Fischer (KF Apparatus)	For Moisture Determination
Potentiometer	Digital with direct printout
Stability Chambers	400+ liter capacity each
Preparative HPLC	For impurity isolation
UV-VIS Spectrophotometer	Double Beam, 0.001 nm resolution
Digital polarimeter	For Optical Measurement
Micro-Balances	6 Digit / 5 Digit
Analytical-Balances	4 Digit +
Ultra Pure Water Purifiers	TOC less than 1 ppb