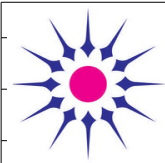


## ANALYTICAL TECHNOLOGIES APPLICATIONS SUMMARY



# Analytical<sup>®</sup>

## Technologies Limited

### ❖ Industry wise Applications

Targeted Industry	Instruments used
Pharmaceuticals	HPLC, UV, FT-IR, NIR, GC,GC/MS, AAS, Flash Chromatography, Spectrofluorometer, Flame Photometer, OES, XRF, DSC, Spectrofluorometer, TGA,Particle Size Analyzer, Sonicator, microscope, Water Purification System, Polarimeter, viscometer, Tintometer, Refractometer, pH meter, Moisture analyzer, Conductivity meter, Balance, Melting point apparatus. HSCCC, Ion Chromatography, Gel electrophoresis, Microscope, Sonicator, Raman SPectroscopy
Medical/Pathology labs	Electrolyte analyzer, HbA1CHPLC, Automated Chemistry analyzer, Hematology analyzer, Kidney stone analyzer, MRI/CT Scanner, Semen analyzer, Urine analyzer, Coagulation analyzer, X-ray, Ultrasound, Amino acid analyzer, Water Purification System, Tintometer, Viscometer, Refractometer, PCR, CLIA, Balance, Sonicator, Freeze dryer, flame Photometer, Spectrofluorometer
Textiles	AAS, ICP/MS,ICP-OES, UV, GC, GC/MS, HPLC, LC-MS, XRF, Flame Photometer, Ion Chromatography, Potentiometry, Electrophoresis, ANIR, Microscope, Sonicator, PSA
Leather	AAS, ICP/MS,ICP-OES, UV, GC, GC/MS, HPLC, LC-MS, XRF, Flame Photometer, Ion Chromatography, Potentiometry, Electrophoresis
Agrochemical/Soil	HPLC,GC,GC/MS, AAS, XRF, OES, Flame Photometer, Potentiometry, pHmeter, Balance,IR, NIR, ICP/MS, IR, Microscope,Conductivity meter
Petrochemical	GC, Sonicator,XRF, Spectrofluorometer,HPLC, Conductivity meter, Water purification system,pH meter, Refractometer, Viscometer
Jewellery	Sonicator, Raman Spectroscopy,XRF,
Environmental	HPLC, GC,GC/MS, XRF, Sonicator, Water Purification Sytem
Power Stations	GC,HPLC
Forensic	GC, GC/MS, Micoscope, freeze dryer,PCR/RT PCR,DSC, Raman Spectroscopy, , Fluorescence Spectroscopy
Biotechnology	PCR, RT-PCR, CLIA, Lyophilizer, Sonicator, Microscope, Microplate reader & Washer, Microscope,TGA,DSC
Food & beverages	Amino acid analyzer,HPLC,GC, Microscope, Freeze dryer,PSA, Flame Photometer, Fluorescence Spectroscopy,FT-IR,DSC,TGA,STA, Polarimeter, Refractometer, tintometer, Conductivity meter,Kjeldahl analyzer
Chemical	GC,HPLC, UV, AAS, PSA, Moisture balance, pH meter, Digital balance, Polarimeter, Refractometer, tintometer, Conductivity meter,Kjeldahl analyzer, TOC analyzer, IR, NIR, TGA, Lyophilizer, flame Photometer, Fluorescence Spectroscopy
Steel	Conductivity meter, AAS, Balance
Glass	Laser Particle Size Analyzer ( LPSA ), XRF, TGA, STA
Cement	LPSA, XRF, Balance, conductivity meter, pH meter, Polarimeter
Polymer	GPC, DSC,IR, PSA, Balance
Colors, Paints	GPC, DSC,IR, PSA, Balance
Rubber/ Tyre	DSC, TGA, STA