



AMRI Equipment List: Separations Sciences

Preparative Separations

Preparative Chromatography - HPLC

- Waters Preparative HPLC Model 2000/4000 with UV detector (five units)
- Americhrom VersaPrep 150 Automated Preparative Chromatography Unit
 - UV detection
- Varian PrepStar Preparative HPLC Systems
 - Models SD-1 and SD-2 with UV
- Varian Dynamax RamPak Column Packing Stations
 - Column ID's-41.4/77 mm (3 units)
 - Column ID's 100/150 mm (1 unit)
- Inventory of several kg quantities of stationary phases including
 - C₁₈ (Symmetry, AquaSep.) and C₈ (Symmetry)
 - Silica (Kromasil, Silicycle)
 - Chiral (Chiralpak AD and AS, Chiralcel OD, OJ and OF)
- Automated Chiral HPLC Method Development
 - 18 different stationary phases and multiple solvent systems can be screened in overnight run

Preparative Chromatography - SFC

- Thar MiniGram Analytical/Semi-Preparative SFC System
- Thar SFC80 Preparative SFC Systems
- Inventory of several SFC columns in analytical, semi-preparative, and preparative scales
 - Achiral (Silica, Diol, Amino, Cyano)
 - Chiral (Chiralpak AD-H, AS-H, IA, IB, and IC and Chiralcel OD-H, OJ-H and OF-H)