

Pharmaceuticals & Drug Delivery Large Equipment List

No.	Instruments
1	Differential Scanning Calorimeter
2	Thermo Gravimetric Analyzer
3	Texture Analyzer
4	Dissolution apparatus
5	Autoclave
6	16mm Extruder
7	Freeze Dryer
8	UV Spectrophotometer - Thermo
9	Fluid Bed Processor - Glatt
10	FTIR – Agilent Spectrometer & Microscopy Chemical Imaging System
11	Coating Pan (Vector)
12	11 mm extruder
13	Minilab Melt Extruder
14	Piccola Tablet Press
15	Omicron 19P STEER Extruder
16	GlobePharma Maxiblend (Blender)
17	Natoli Single Station Tablet press
18	UPLC-MS/MS (Waters, Micromass Quattro micro with Acquity UPLC)
19	Nitrogen Generator (Parker)
20	Centrifuge (Accuspin Micro17 R)
21	Synergy Plate Reader (Biotex Instruments)
22	BOD Incubator (Fisher)
23	Franz Diffusion cells (Vertical and Horizontal)
24	Phoresor (For iontophoresis studies)
25	Sonophoresis equipment
26	High Performance Liquid Chromatography (Waters)
27	Optical microscope (Axio Lab)
28	Probe sonicator
29	Dissolution apparatus (For topical and transdermal formulation)
30	Spectrofluorometer
31	Electroporator instrument
32	Silverson Mixer (With temperature control)
33	Probe sonicator
34	UV crosslinker
35	Rotary Evaporator
36	Vacuum pump
37	Osmometer
38	High Pressure Homogenizer
39	Side-bi-side diffusion cells
40	Probe Sonicator
41	Zeta Sizer (Malvern)
42	Laminar Flow Hood
43	Incubator

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44	3D Printers (Prusa i3 3D & Ultimaker 3 dual extruder)
45	Antaris II FT-NIR Analyzer
46	pH Meter
47	Scanning Electron Microscopy (JEOL)
48	Moisture Analyzer
49	Stability Chambers
50	Dynamic Vapor Sorption
51	Ultracentrifuge (Perkin Elmer)
52	Automated diffusion Cells (Permegear)