



C2F Closer to the Formulator

A Center of Excellence by DFE Pharma

Equipment & Instruments available at Closer to the Formulator (C2F)

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Formulation Development Equipment

Equipment/ Instrument Name	Manufacturer	Capacity
High Shear Mixer Granulator (HSMG)	Gansons	2 / 5 / 10 L with Jacketed bowl
Fluid Bed Processor (Top spray granulation and wurster assembly)	ProCepT	4 L
Roller Compactor with built-in mill	Freund vector	30 kg/hr
Fluid Bed Dryer	Retsch	6 L
Uni-mill (Co-Mill)	Hanningfield	--
Oscillating Granulator	Anchormark	10-20 kg/hr
Bin Blender	Gansons	2 / 5 / 10 / 15 / 20 / 50 L
Turbula Mixer (3D shaker mixer)	Wab	1 L & 2 L
Powder Flow Tester (Flow Function, Wall friction etc.)	Brookfield	--
Rotary Compression Machine (D and B Tooling)	Parle Elizabeth	30 rpm
Automatic Tablet coating machine	Gansons	0.3 to 2.99 kg
Automatic Capsule Filling Machine (Powders, Pellets and Tablets in capsules)	Anchormark	3,000 cap/hr

Automatic Blister Packing machine (PVC, PVDC, PVC/PE/PVDC, Alu-Alu Blisters)	Elmach	25 strokes/minute
Portable Dehumidifier (humidity < 35% RH)	Harrisons	1.5 Ton

Analytical Development Equipment

Equipment/ Instrument Name	Manufacturer	Capacity
High Performance Liquid Chromatography (HPLC)	Agilent	VWD & DAD detectors
Fourier-Transform Infrared Spectroscopy (FT-IR)	Agilent	4000 cm ⁻¹ to 400 cm ⁻¹
Laser Diffraction Particle Size Analyzer	Sympatec GmbH	Dry powder and Dispersion
UV/Vis Spectrophotometer	Agilent	200 nm to 800 nm with
Dissolution Apparatus (Auto Sampler)	Electrolab	Xenon Lamp USP Type I & Type II
Stability Chambers as per ICH requirements	Thermolab	1000 L
Low Humidity Stability chamber (25°C ± 2°C/40% RH ± 5%)	Thermolab	500 L
Water Purification system	Avidity Science	Type I & Type II
Glassware Washer	Lab India	--

Note: All supporting and IPQC instruments are available on site.

To know more about how C2F services can support your company, please reach us at dfepharma.com/c2f