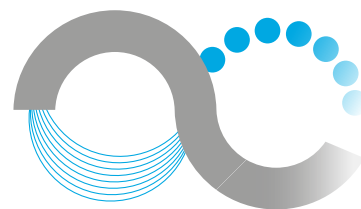
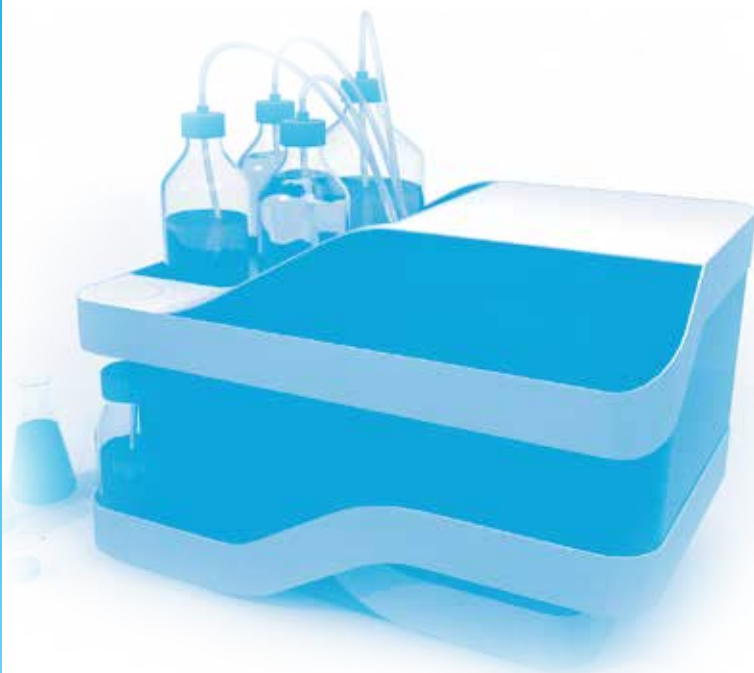


Infinity LAB



The INFINITY LAB is a versatile and fully automated platform for rapid uniform and reproducible microsphere formation. The system puts you on the Fast-Track to new product development, thanks to the unprecedented process control provided by EmulTech's Flow Calculator. The system is unique in its capability to produce uniform particles from 1 μm and up.



Design Features

- Quick results with Flow Calculator
- Reproducible & uniform microspheres
- First scaled labsystem
- User-friendly Plug and Play setup
- Designed for research environment
- Chemical inert components
- Uses EmulTech's proprietary Disc © system
- Multiple Disc © designs available
- 10 - 100 μm droplets
- 1 - 50 μm particles

Technical Summary

• Measurement / Control system	Flow Accuracy	0,2% from the measured value plus 0-stability (under calibration conditions)
	Flow Reproducibility	0.1% RD
	Operating Temperature	Room temperature
	Max. Operating Pressure	10 bar
	Warm-up time	30 minutes
• Mechanical parts	Wetted Materials	RVS SS 316(L), PFA, PVDF, Carbon, PEEK, Ceramic
	Process Connection	1/4-28 UNF
	Seals	RVS SS 316 (L), FFPM
	Dimensions W x D x H	705 x 435 x 430 mm
	Chemical resistance	Specifications on demand
• Electrical properties	Power Supply	85-264 VAC, 50/60 Hz
	Max Power Consumption	120 W
	Control Panel	multi-touch build-in control panel
• Model and flow ranges	Infinity Series 2001	EP: 2-100g/h
	Flow ranges nominal	CP: 2-50 g/h
		DP: 0.1-5 g/h

