

TECHNICAL DATA SHEET



NANOme® apparatus

Benchtop device for GMP nanoparticle production of small batches.

TECHNICAL DATA

Description	Apparatus for processing fluids in disposable kits for nanoparticle formulation manufacturing
Scope	Aseptic manufacturing of pharmaceutical nanoparticle formulations intended for clinical use
Dimensions	W 70 cm × D 45 cm × H 90 cm
Weight	Approximately 130 kg
Features	<ul style="list-style-type: none"> • Automated system with touchscreen operation • Export function via USB outlet for process parameter logs • Storage of pre-written formulation protocols and process data tables • 21 CFR Part 11 compliant software (option for remote software updates) • Designed for sterile production in Grade C cleanrooms • No need for cleaning between batches (including product changeover)
Operation parameters	<ul style="list-style-type: none"> • Flow stabilization in <4 seconds • Reactor configuration optimized for lipid nanoparticles • Pressure rating ≤ 16 bar
Output	<ul style="list-style-type: none"> • *Maximum total flow rate: 160 mL/min (FRR 1:1) and 240 mL/min (FRR 3:1) • Maximum product volume: approx. 1.2 L • Typical batch size: 200 —1200 mL

*Total flow rate ranges vary with reactor configurations. Get in touch with our team to find out more.

For more information, contact us:

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