

NanoDeBEE试验型 超高压均质机

Nano DeBEE

BEE INTERNATIONAL
NEXT GENERATION HOMOGENIZERS



Ultra-High Pressure Homogenizer www.willnano.com
Electric Benchttop

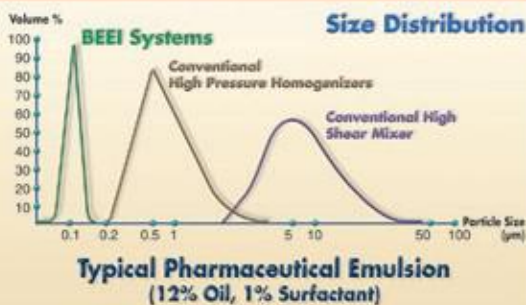
- Cell rupture with the highest yield
- Particle size reduction
- Stable micro / nano emulsions & dispersions
- Guaranteed scalability

Unmatched Results in Fewer Passes



EMULSIFYING
CELL RUPTURE
DISPERSING
GRINDING

We're experienced with every nuance of high energy product processing. Unlike any homogenizer before, the Nano DeBEE gives you the highest process intensity in the industry and our patented modular homogenizing cell. You now have independent control of pressure, flow, cavitation, impact, shear, and process duration. Now you can fit the machine to your application and get the results you want *fast*.



www.willnano.cn is dedicated to advancing the technology of homogenization. Our research and development is ongoing, and you can depend on our precision engineering, quality manufacturing and worldwide service for the highest reliability.



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Nano DeBEE

Achieve Better Results, with a Tighter Distribution, in Less Time

Considered to be the most versatile benchtop homogenizer on the market, the Nano DeBEE combines a variety of mixing tools into one advanced instrument. With unique process setups you can select the intensity and force of mixing parameters:

- Cavitation
- Shear
- Impact
- Pressure
- Back-pressure
- Process duration

Proven to achieve industry leading results for **cell lysis, nano emulsions and dispersions, and particle size reduction:**

- High yield cell lysis
- Extend product stability
- Improve bioavailability
- Tighter particle size distribution



The Nano DeBEE is:

- Easy to use and clean
- 100% Scalable
- Electric, in-line, continuous operation
- Low maintenance costs

	Pressure	Flow Rate		
		mL / min	L / hr	gal / hr
Nano DeBEE 45-2	45,000 PSI 3,100 bar	35	2	0.5
Nano DeBEE 30-4	30,000 PSI 2,000 bar	70	4	1
Nano DeBEE 45-4	45,000 PSI 3,100 bar	70	4	1
	Nano DeBEE 45-2	Nano DeBEE 30-4 & 45-4		
Benchtop Weight	23 kg / 50 lb			
Benchtop Dimensions	87x30x23 cm H / 34"x11.75"x9" H			
Power Unit Weight	45 kg / 100 lb	55 kg / 120 lb		
Power Unit Dimensions	69x36x29 cm H / 27"x14"x11.5" H	41x41x67 cm H / 16"x16"x26.5" H		
Minimum Volume	12 mL with Small Volume option			



Nano DeBEE 45-2