

MiniDeBEE中试型 超高压均质机

Mini DeBEE

BEE INTERNATIONAL
NEXT GENERATION HOMOGENIZERS



**Ultra-High Pressure Homogenizer www.willnano.cn
High Capacity for R&D**

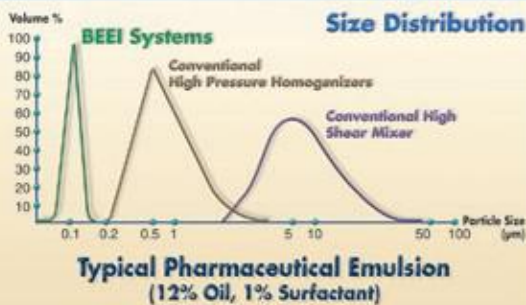
- Cell rupture with the highest yield
- Particle size reduction
- Stable micro/nano emulsions & dispersions
- Guaranteed scalability

Unmatched Results in Fewer Passes



CELL EMULSIFYING
RUPTURE
DISPERSING
GRINDING

We're experienced with every nuance of high energy product processing. Unlike any homogenizer before, the Mini 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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Mini DeBEE

An Essential Tool for Effective Experimentation

A leader in process technology, the Mini 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 Mini DeBEE is easy to use:

- PLC Control and monitoring for easy operation
- Highest process intensity in the industry
- Easy cleaning and maintenance
- Low cost replacement parts
- 100% Scalable



	Pressure	Flow Rate		
		mL / min	L / hr	gal / hr
Mini DeBEE 30	30,000 PSI	400	22	6.3
	2,000 bar			
Mini DeBEE 45	45,000 PSI	400	22	6.3
	3,100 bar			
Dimensions		140 x 51 x 76 cm H / 55" x 20" x 30" H		
Weight		250 kg / 552 lb		
Minimum Volume		30 mL with Small Volume option		

