

# NanoDeBEE试验型 超高压均质机

# Nano DeBEE

**BEE** INTERNATIONAL  
NEXT GENERATION HOMOGENIZERS



Ultra-High Pressure Homogenizer [www.willnano.com](http://www.willnano.com)  
Electric Benchtop

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

***Unmatched Results in Fewer Passes***



# 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

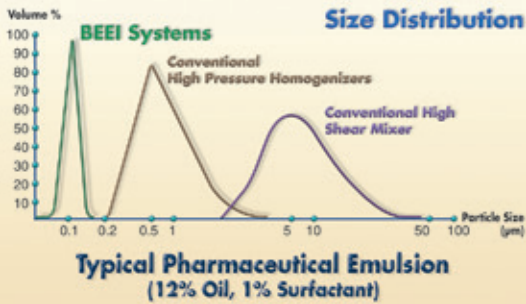
Proven to achieve industry leading results for **cell lysis, nano emulsions and dispersions, and particle size reduction:**

- 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



Suzhou Will NanoBioTech Co.,Ltd. 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.

**BEE** INTERNATIONAL  
NEXT GENERATION HOMOGENIZERS

中国区销售维修代理|技术支持  
苏州微流纳米生物技术有限公司  
电话: 13020218906  
地址: 苏州星湖街218号A1北座  
邮箱: biotech@willnano.com  
网址: www.willnano.com

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



**Nano DeBEE 45-2**