

Mini DeBEE

BEE INTERNATIONAL
NEXT GENERATION HOMOGENIZERS

EMULSIFYING
CELL RUPTURE
DISPERSING
GRINDING

New Patented
Technology



Ultra High-Pressure Homogenizer with Modular Homogenizing Cell

- Unprecedented Performance
- Unmatched Results!
- Size Reduction to Nanometers
- Cell Rupture with the Highest Yield
- Handles Abrasive and Viscous Materials



CELL EMULSIFYING
RUPTURE
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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*.



BEE INTERNATIONAL 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.

Contact us for FREE consultation and confidential, no obligation sample testing.

BEE INTERNATIONAL
NEXT GENERATION HOMOGENIZERS

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Mini DeBEE

An indispensable tool for the R&D laboratory

Experiment with ease and obtain the exact particle or droplet size required with a low D(0.9). Or, disrupt the toughest cells with the highest yield. So advanced, it's actually simple!

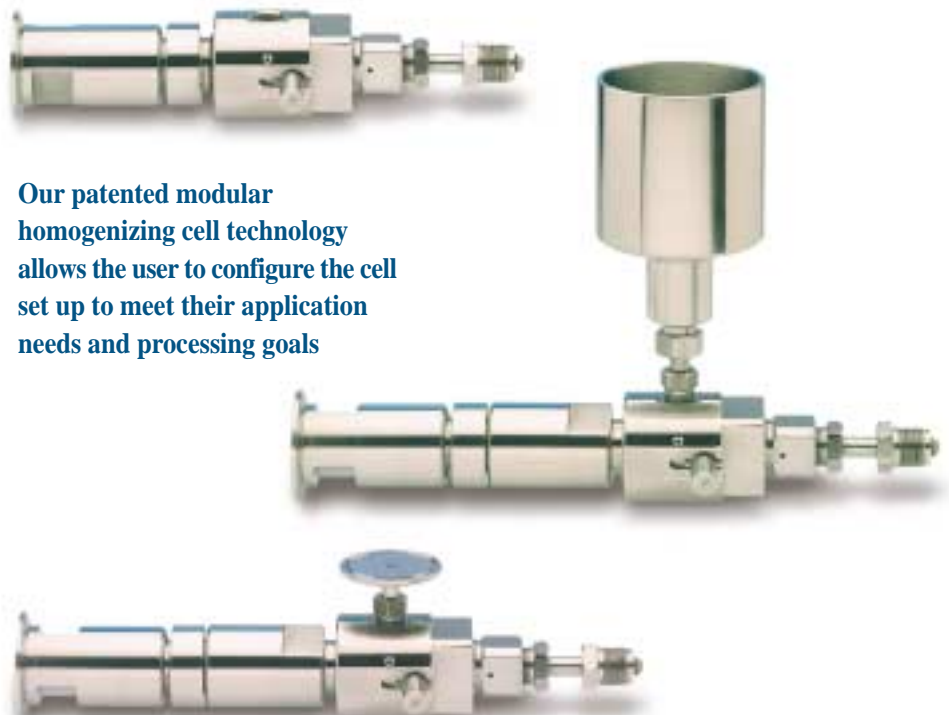
- PLC Control and monitoring for easy operation
- DeBEE patented modular Homogenizing Cell
- Highest process intensity in the industry
- Constant processing pressure
- Easy cleaning and maintenance
- Proven scale-up to production rates
- Options available for every application
- Sample sizes as small as 10 ml
- Full control of processing energy



Specifications:

- Continuous flow up to 250 ml/min
- Adjustable operating pressure: 2,000 to 45,000 PSI (140 to 3,100 bar)
- Adjustable back pressure: 0 to 5,000 PSI (0 to 345 bar)
- Power Supply: 3 phase, 50/60 Hz, 220 VAC – 5.5HP (4 kW)
- Dimensions: 45" w x 20" d x 28" h (1150 x 500 x 720 mm)
- Weight: 550 lbs (250 kg)

The Mini DeBEE is at work in a wide range of applications in the Pharmaceutical, Biotechnology, Cosmetic, Chemical and Food Industries.



Our patented modular homogenizing cell technology allows the user to configure the cell set up to meet their application needs and processing goals