

AVESTIN EMULSIFLEX B15 HIGH PRESSURE HOMOGENISER

Improved on the famous 'French Press' design



The Emulsiflex B15 from Avestin is a benchtop high pressure homogeniser ideal for applications including:

- Cell disruption
- Emulsions
- Liposomes
- Particle size reduction

The B15 is pneumatically powered (no electrical power needed) and the pump is designed to ensure silent operation. Avestin's unique, dynamic homogenising valve design minimises blockage risk, and the unit allows for easy cleaning. Adjustable homogenising pressures of up to 45,000 psi enable the processing of even the toughest samples in a batch process. Ideal for small/high value samples.

AVESTIN

HIGH PRESSURE HOMOGENISERS AND LIPSOME EXTRUDERS

BenchTop 'French Press' style homogeniser

- Improved on the famous 'French Press' design
- Air powered, silent high pressure homogeniser
- No electrical power is required



Homogenising Valve

- Dynamic design, for minimal blockage risk
- Scalable performance

Performance

- Batch processing
- Sample Capacity: 3mL - 15mL
- No holdback volume
- Adjustable homogenising pressure up to 45,000psi

Sample Cooling

- Suitable for cold room use
- Homogenising valve can be cooled via cool water flush

Cleaning and sterilisation

- Suitable for CIP (Clean-In-Place), cleanrooms and for GMP manufacture
- All wetted parts are sterilisable/steam in place (SIP)
- Optional GMP certification, material traceability and electropolishing available

Requirements for Operation

- Clean, dry compressed air (or gas) at up to 10 bar

Accessories

- Syringe fittings
- Optional GMP certification

Dimensions

- mm: 335mm (L) x 280mm (H) x 650mm (H)
- In: 13.3 (L) x 11 (W) x 25.5 (H)

Weight

- 37kg / 81lbs

