

High Performance Laboratory Dispenser

The Diaf Minibatch benchtop dispenser is ideal for premixing, dispersion and finishing batches of up to 4 gallons / 15 liters (approximate batch content).

We are proud to offer this proven dispersing solution designed for industrial applications for Research and Development or small batch production. In addition, the Minibatch is constructed with the highest quality materials for the greatest durability and reliability.

Features and Benefits:

- Good homogenizing and dispersion at a low consumption of power
- Extremely robust and sturdy construction
- Hydraulic lifting and lowering device operated by a hand pump
- Exchanging the shaft and dispersion disc or other mixing impeller is easily done without the use of tools
- Dissolver shaft speed can be adjusted during operation
- RPM indicator scale is easily viewable
- Fastening safety arms for securing containers sized 100 - 200 mm / 4 - 8 inches in diameter
- The standard motor is in explosion proof execution EEx e II T3
- Pole-changeable motor, 500 - 6800 RPM
- Consistent scale-up is easy to achieve
- Easy to disassemble and clean



Diaf Minibatch 20VH model



Sawtooth dispersion disc

Available Options:

- Optional vacuum container up to approximately 4 gallons / 15 liters
- Vacuum chamber for insertion of cans
- Detachable dissolver shafts in stainless steel, equipped with threaded coupling and protection jacket in Teflon, i.e. shafts will be equipped with dispersion discs or other high shear mixing head in stainless steel at your option
- Manually operated motor safeguard with undervoltage release, also available in EEx e II T3 execution

Available Mixing Heads:

- A wide range of high shear sawtooth dispersion discs
- Admix Rotosolver® high shear disperser for maximum shear and pumping rates
- Flow propellers
- Butterfly

Minibatch Technical Details

| Model | Version 1 | Version 2 |
|-------------------------------|------------------|-------------|
| Motor Power | 2 HP | 3 HP |
| RPM Speed | 550 - 3500 | 1100 - 6800 |
| Net Weight | 250 lbs / 113 kg | |
| Lifting Height | 13.8 in. / 35 cm | |
| Standard Dispersion Disc Size | 75 mm | 100 mm |
| Optional Extra Discs | 40 mm and up | |

