

CRA121: Continuous Aerator

Aerates on a small scale

With great accuracy on a miniature scale



Introduction Table-Top Aerator

The CRA121 is designed as a compact tabletop unit to aerate a wide range of products on a small scale for R&D and training purposes.

The cabinet houses the air injection system, frequency controllers and all necessary switchgear. The touch screen is inserted into the front panel and allows adjustment of pump speed and mixing head speed and shows all relevant parameters. Gas dosing is controlled by a precision needle valve.

The mixing head stator is jacketed to allow cooling/heating of the head.

The jacket is fully separated from the product chamber to ensure no cooling agent leakage into the product occurs.

Features

- Very compact design
- Adjustable mixing head speed
- Precision injection method
- O₂ and N₂ injection possible
- Intuitive touch-screen control
- Jacketed mixing head stator
- Jacket fully separated from product chamber

Benefits

- Occupies minimal space
- Flexible
- High accuracy
- High applicability
- Easy to operate
- Allows cooling/heating of the head
- Cooling agent leakage into product not possible

Examples of products to aerate

- Fresh Cheese
- Butter
- Spreads
- Yogurt
- Dairy Cream
- Low fat toppings
- Dairy Mouse

**Specifications**

Pump	
Jacketed product hopper	15L
Flow rate	Mono pump 5-50 L/Hr.
Capacity adjustment	Frequency controlled
Support	Stainless steel, with adjustable feet
Mixing head	
Housing	Single wall
Product inlet	½+DIN connection
Seal	Double mechanical seal with flushing connection
Mixing head volume	0.25 litre
Pressure control	Backpressure regulator
Overall dimensions	
Length x Width x Height	650 x 650 x 800mm [26% x 26% x 32% o
Weight	70 kg [154,7 lbs]
Utilities required	
Electricity	CF121-A: 240V / 1ph / 50Hz
	CF121-C: 240V / 1ph / 60Hz
	Other electrical requirements available on request