

Crystallization & Aeration Range

Plug & Play, minimum effort required to process & clean

CRA223

Continuous Freezer



Continuous Ice Cream Freezer

Accurate overrun control empowers you to have real control over the ice cream properties like creaminess & smoothness.

Capacity 10Kg/hr

Applications

- Ice Cream Mix
- Whipped cream
- Dairy mousse
- Desserts

CRA225

Crystallizer



Continuous Modern & Flexible Solution

Cost-effective solution for projects that require a wide range of applications in one system. The modular CRA225 has expansion sets to make feasible projects and maximize process capabilities.

Capacity 15Kg/hr

Applications

- Whipped cream
- Shortenings
- Ice Cream
- Margarine

CRA226

High-Pressure Crystallizer



Best-in-Class Crystallizer

Plug & play high-pressure crystallizer with flexible configuration.

Ensuring the quality of the final product, such as pastry, with regard to consistency.

Capacity 15Kg/hr

Applications

- Puff Pastry
- Margarine
- Shortenings & spreads
- Fats & oils



Crystallization & Aeration Range

Plug & Play, minimum effort required to process & clean

Applications per unit



CRA223 - Continuous Freezer



Ice Cream



CRA225 - Crystallizer



Whipped Cream



CRA226 - High-Pressure Crystallizer



Margarine

Modules



Scraped Surface Heat Exchangers
(Cooling to -15°C, -8°C) @ 15L/hr



Pin Worker / Kneading
(300-2200 RPM)



Mixing Head / Air Whipping
(300-1500 RPM)



Variable Resting Tubes

Processes

- Blending (Aqueous Phase & Oil Phase)
- Emulsifying
- Pasteurizing
- Cooling
- Crystallizing
- Packing

Common Products

- Pastry margarine with reduced fat
- Tube spreadable margarine
- Other vegetable products

Applications

- Product development
- Process optimization
- Formulation



Complete Margarine Pilot Plant

15kg/h

Blending/Emulsifying + HTST + Kneading + Crystallizing + Resting

CRA

OMVE Netherlands B.V.
De Meern, The Netherlands
Tel +31 30 241 00 70
sales@omve.com

OMVE Americas Inc.
Milton, Canada
Tel +1 416 986 8442
omve.com

Lab & Pilot Equipment

