

# Product preparation



Easy, fast and convenient



The OMVE MPV120 is a double wall atmospheric vessels to blend and prepare the products. The unit is supplied with an integrated heating system to heat-up the products.

The system can be supplied with different mixers depending on the requirements. This can be a standard propeller mixer or a high shear rotor – stator mixer. Other mixers can be used on request.

## Unique Features

- Flexibility in Mixers
- Compact design
- Stainless steel industrial design
- Heating and cooling
- High flexibility in configuration

## Applications

- Fermented products
- Baby food
- Desserts and puddings
- (Non) Dairy products
- Sauces and soups

## Working principle

The water bath is heated by an integrated electrical heater. For better heat transfer the water is circulated by a circulation pump. The controller can be either a manual LED switch or a Color Touch Screen, from which the temperature and time can be set.

The bench-top blending vessel is completely insulated for safe operation.

## Standard accessories

- Trolley
- Different high speed mixers
- Cooling control
- HMI touch screen
- Data logging

Multi-Purpose Vessels

MPV



## Specifications

|                           |  |
|---------------------------|--|
| Vessel sizes              | standard 10 or 20 liter, other on request                      |
| Temp. product             | Up to 90°C [194°F]   |
| Temp. heating medium      | Up to 100°C [212°F]  |
| <b>Overall dimensions</b> |  |
| Dimensions LxDxH***       | 900 x 660 x 920mm [35.5 x 26 x 36.3"]                          |
| Weight                    | 103kg [227lbs]   |
| <b>Required Utilities</b> |  |
| Electrical supply         | 370-400Vac /3ph+N+E /50Hz/ 16A or 200-240Vac /3ph+E /60Hz/ 16A |
| Water supply              | 2,5 bar [36psi] , 10l/min                                      |

## Equipment family

The OMVE Multi-Purpose Vessels range is used in a very broad range of applications. Every application has its own specific requirement. For more detailed information, consult our OMVE staff.



MPV-BL  
Blending & Mixing Vessels



MPV-BC  
Batch Cooking  
Batch Processing



MPV-AB / HB  
Aseptic Buffer Vessels  
Hygienic Buffer Vessels



MPV-FE  
Fermentation Vessel

## Why OMVE

- ✓ Since 1993, we have **specialized** in supplying manufacturing R&D and pilot-plant equipment.
- ✓ OMVE is a **preferred supplier** to leading multinationals worldwide.
- ✓ OMVE systems are designed and manufactured according to the **highest industry standards**.
- ✓ OMVE systems come with a **two-year** warranty.
- ✓ OMVE systems carry **CE certification**.
- ✓ OMVE offers the **most comprehensive service** available on the market.