

# Product Preparation

## MPV110BL & MPV120BL Blending Vessel

### Easy, fast & convenient

The OMVE MPV110BL and MPV120BL are atmospheric, double jacketed vessels, specifically designed to thoroughly blend and prepare products. With the 10 or 20 liter product tank, the system is compact and fits on a table top or on an optional trolley for easy transportation. The unit is supplied with an integrated heating system to heat-up the product and can be connected to an external source for cooling.



The system can be supplied with different mixers depending on your requirements, like the standard propeller mixer or a high-shear mixer. Additional mixers are available upon request.

### Features & Benefits

- Compact and flexible
- Stainless-steel industrial design
- Flexibility in mixer types
- Integrated heating
- External cooling connection

### Applications

- Dairy and plant based beverages
- Baby food
- Desserts & puddings
- Soups & sauces

### Working Principle

The vessel is heated by an integrated electrical heater, circulating the water by a circulation pump through the double jacket. The controller can be either a manual LED switch or a color touch screen, from which the required temperature can be set. For cooling, an external cooling source is required. The mixer is controlled locally.



## Optional Accessories

- Different (high-speed) mixers
- Stainless steel trolley

## Specifications

Product Code	MPV110BL	MPV120BL
Blending tank size(s)	10L, others sizes available on request	20L, others sizes available on request
Temperature - product	Up to 90°C [194°F]	Up to 90°C [194°F]
<b>Weights &amp; Dimensions</b>		
Weight	100kg [220lbs]	100kg [220lbs]
L x W x H	900 x 650 x 970mm [35,5 x 25,6 x 38,2"]	900 x 650 x 970mm [35,5 x 25,6 x 38,2"]
<b>Required utilities</b>		
Electrical supply	370-400Vac/ 3ph+N+E/ 50Hz/ 16A or 200-240Vac/ 3ph+E/ 60Hz/ 16A	
Water supply	2,5bar(g) [36psi] 10L/min	
Drains	Required	



MPV120BL Blending & Mixing Vessel and HT220

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Lab & Pilot Equipment

