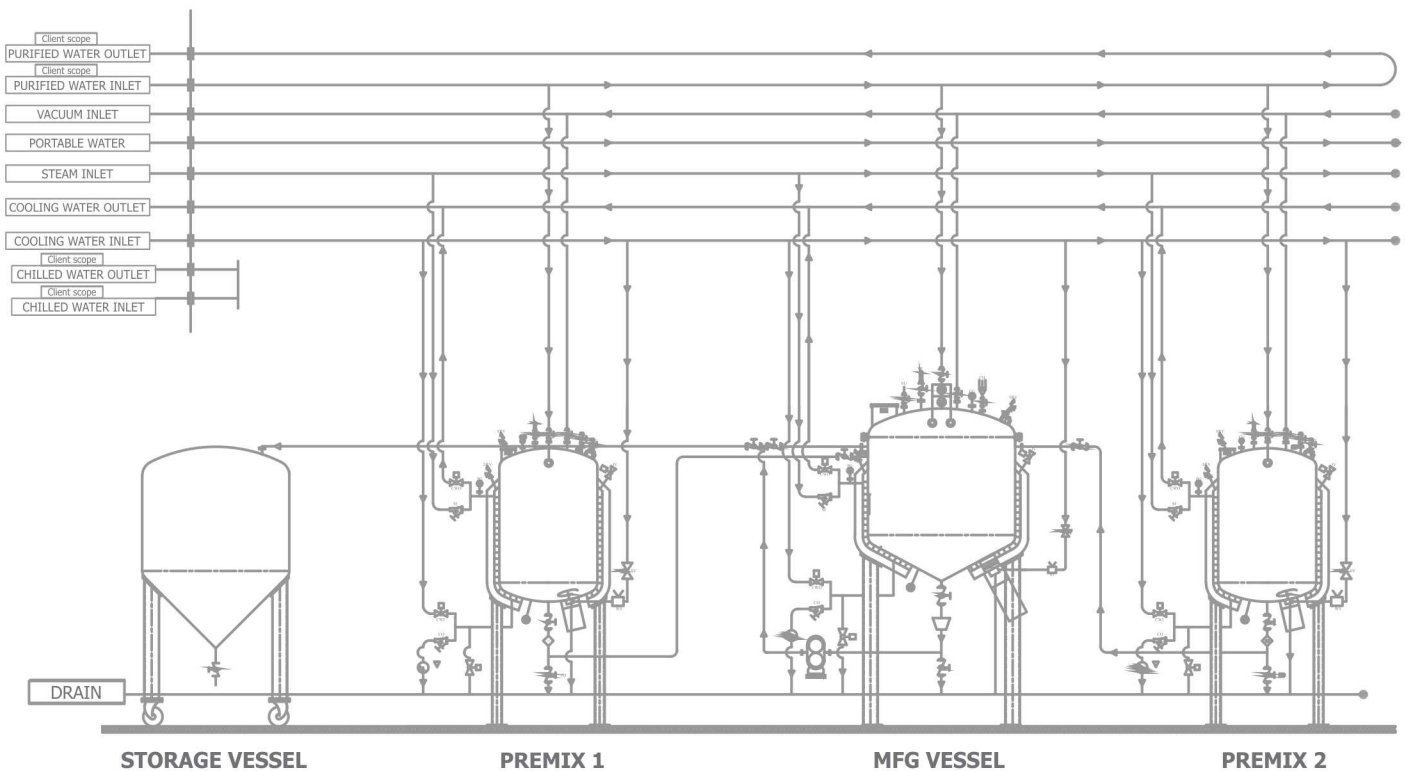


# UNIPROSERVE

## TOOTH PASTE / GEL (Multi Product Mixing)

### MANUFACTURING PLANT



SK's UNIPROSERVE offers precise control of shear energy introduction and therefore accurate control over particle and droplet size

The homogenizer is composed of an internal rotor-stator colloid tool.

The oil and water phase mixers have exactly the same construction.

There's a high speed disperser mounted from the top/bottom of the cover which helps to dissolve the ingredients.



### **Recommended for:**

Tooth Paste

Shaving Creams

Gel

Denture Adhesives

# Specifications



## Key Features :

- Special Contra design of agitator blades
- Automatic lid opening system
- Efficient heating and cooling performance
- Accurate temperature control, even or small quantities
- Perfect particles and droplet size control
- Batch to batch repeatability
- High yield process
- Energy efficient (heating/cooling / homogenizing / mixing)
- No mechanical seal in the vessel processing area
- High efficiency mixer
- Batch size – 50kgs to 10000 kgs.

## Standards Version

- Pressure vessel with agitator
- Vacuum system
- Batch time improvement
- Homogenizer with Rotar Stator
- Double jacket with insulation
- Heating and cooling unit
- Lid lifting device
- User friendly control/visualization

## Options

- Various levels of automation
- Load cells and dosing units
- Comprehensive validation documentation

# UNIPROSERVE

Model	Working Capacity	Gross Capacity	Agitator/ Anchor		Homogenizer / Propeler		Overall Height with Lid		Overall Width
	(kgs)	(kgs)	rpm	kw	rpm	kw	Before	After	
<b>UPS 50</b>	50	60	3-30	1	0-2800	2	1570	2150	1300
<b>UPS100</b>	100	120	3-30	1	0-2800	2	1900	2500	1450
<b>UPS 200</b>	200	240	3-30	2	0-2800	5	2200	2800	1550
<b>UPS 500</b>	500	600	3-30	5	0-2800	10	2450	3050	1750
<b>UPS 750</b>	750	900	3-30	7.5	0-2800	15	2650	3250	1900
<b>UPS 1000</b>	1000	1200	3-30	7.5	0-2800	15	3000	3600	1950
<b>UPS 2000</b>	2000	2400	3-30	15	0-2800	20	3650	4350	2200
<b>UPS 5000</b>	5000	6000	3-30	20	0-2800	25	3900	4550	2700
<b>UPS 10000</b>	10000	12000	3-30	50	0-2800	50	4990	5600	3200



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