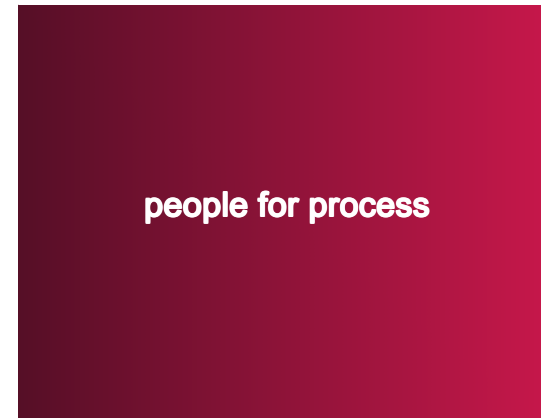




people for process

Welcome at k-ma process

people for process



Vacuum Homogeniser

TYPE K-DISHO

Vacuum Homogeniser TYPE K-DISHO

Solutions for the food industry



Vacuum Homogeniser TYPE K-DISHO

Solutions for the cosmetics industry



Vacuum Homogeniser TYPE K-DISHO

Advantages

- Homogeniser with multi-chamber system
- Direct dosing of powders
- Direct dosing of liquids
- Droplet size $\leq 1 \mu\text{m}$
- Very little difference in droplet size
- Seals in aseptic design
- Short batch time
- Minimised cleaning time
- CIP / WIP



Vacuum Homogeniser TYPE K-DISHO

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Basic functions

- Feed of raw materials
- Mixing
- Dispersing
- Homogenising
- Emulsifying
- Re-circulation
- De-aerating
- Discharge



- Mayonnaise & dressings
- Ketchup & emulsified sauces
- Creams, gels & ointments

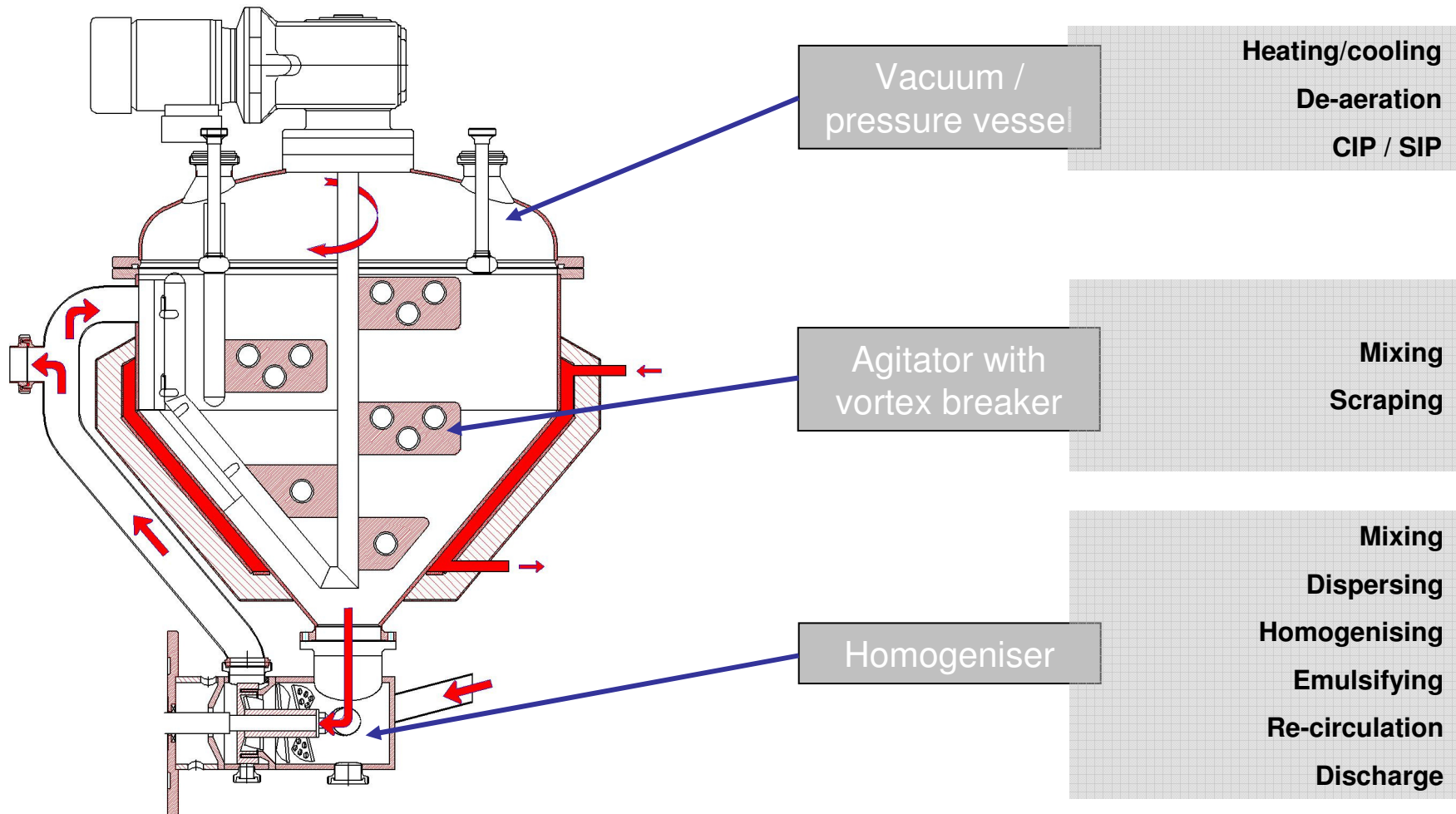
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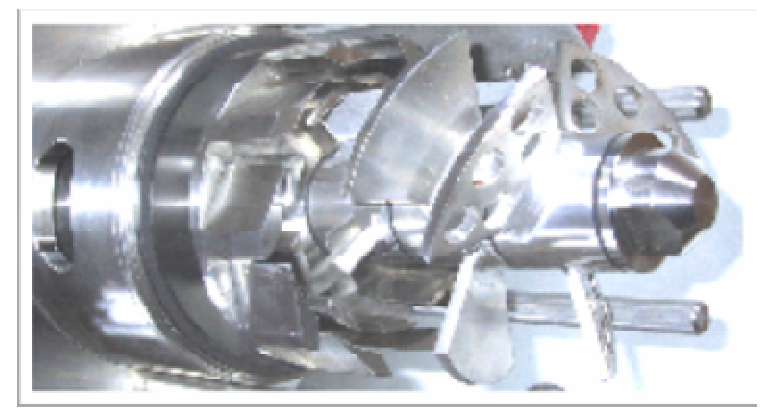
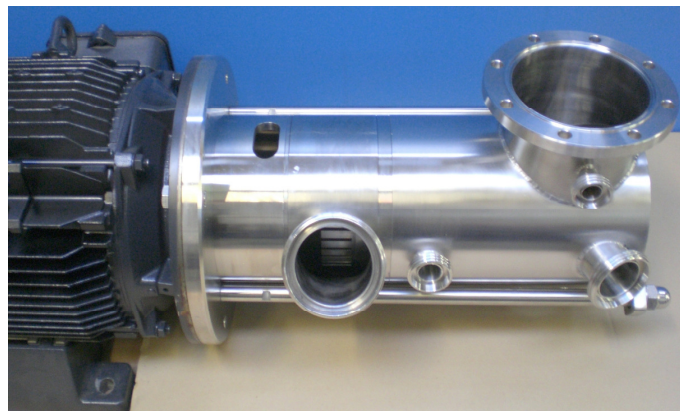
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Homogeniser



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Direct feeding into homogeniser

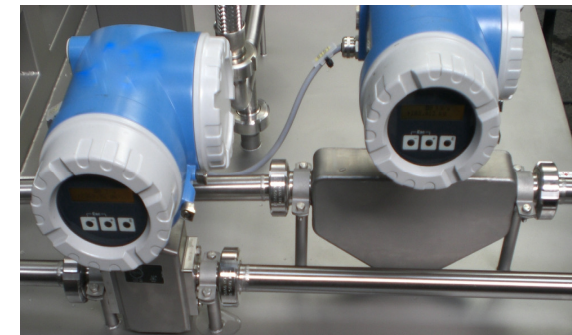
Feed hopper with
agitator or vibrator



Feed hopper
with load cells



Flow meters for
direct dosing



- Liquids
- Powders

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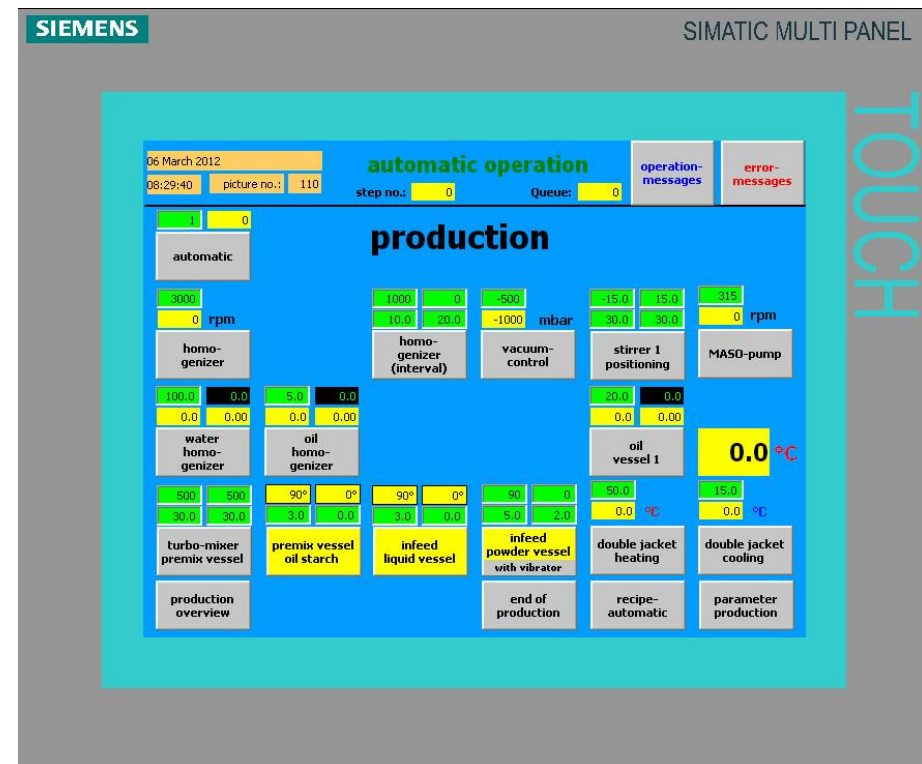
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Additional functions

- Indirect heating/cooling via double jacket of mixing vessel
- Direct heating via direct steam injection
- Sterilisation of the plant (SIP)
- Automated processes
- Recipe management
- Automatic dosing systems
- Incorporation of small-sized solid components into the batch



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Extended peripheral equipment

Examples:

- Drum emptying pumps
- Scales
- Lifting / tilting equipment for trolleys
- Buffer containers
- Discharge pumps
- Heat exchangers
- CIP booster pumps

- Integration of customer's existing equipment



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Our references



Our machines and plants are used worldwide in international well-known groups and firms.