

High Pressure Homogenizer



Energy-efficient dispersion machine for continuous production of superfine emulsion



- ◆ For particle reductions up to 0.1µm
- ◆ Product contact parts are made from stainless steel & ceramic
- ◆ No elastomers in the product area
- ◆ Product contact parts are autoclavable & available with FDA approval

Application

- ◆ Cell disruption in biotechnology
- ◆ Homogenizing milk products
- ◆ Production of infusion solutions
- ◆ Production of micro-fibrillated celluloses
- ◆ Production of all types of micro-emulsions

magic LAB®

Laboratory Scale System for formulation development Safe scale-up and smooth change-over from laboratory to production plant



Modular design of the reactor allows for quick & easy modification depending on application:-

- ◆ **DISPAX - REACTOR® DR** - Manufacture of fine emulsions & suspensions
- ◆ **CMS Module** - Solid - liquid - mixing / powder incorporation
- ◆ **Module MK/MKO** - Colloid mill (MK) or Cone mill (MKO)
- ◆ **MHD Module** - Continuous inline solid - liquid - mixing

Seamless transition of production from laboratory to industry

