

# Encapsulation/ Immobilisation Systems



## Nisco Engineering AG

Dufourstrasse 110  
CH-8008 Zurich, Switzerland

Tel: +41 44 380 06 30

Fax: +41 44 380 06 31

mailbox@nisco.ch

www.nisco.ch



### Among others, the following features are available:

- Head with nozzles (up to 13 nozzles) with vibrating unit
- Bypass system for start-up
- Sterile pulsation-free dosing system (pat. pending)
- Working vessel with low shear force agitator for the hardening process in stainless steel or stainless steel combined with glass cylinder
- Auxiliary dosing and retracting systems for dosing, retracting, sampling and harvesting
- SIP and CIP equipment
- Air inlet system
- Air exhaust system
- Filtration units for retracting hardening solution without the beads
- pH, pO<sub>2</sub>, weight and temperature measurement
- Stroboscope synchronised with vibration
- Temperature control

The modular design approach to the Nisco encapsulation/immobilisation systems allows customer-specific configurations based on a choice of available standard process equipment and components. It also allows combining these systems with equipment and devices already in the customer's possession.

The units meet today's cGMP- and FDA-requirements and are delivered with sterility guaranteed.

