

# Dual-headed Peristaltic Pump for Encapsulator VAR B,C,D,E



## Nisco Engineering AG

Dufourstrasse 110  
CH-8008 Zurich, Switzerland

Tel: +41 1 380 06 30  
Fax: +41 1 380 06 31  
e-mail: [mailbox@nisco.ch](mailto:mailbox@nisco.ch)  
<http://www.nisco.ch>

A dual headed peristaltic pump (one head for feeding, one head for removing liquid) is delivered for exchanging the liquid during the hardening process. It can be connected to the encapsulator's control cabinet to realise the two-point controller. The pump can also be used for in-situ cleaning of the beads.

### Specifications of the peristaltic pump:

Housing dimensions l x w x h:  
320 x 330 x 216mm

Central on/off switch:  
integrated in the housing pump

Power supply:  
230 Volt or 110 Volts

Two heads, each with following specification:  
max. 67 W  
Motor: DC 24 V  
Gearbox 25:1

Pump range for hose  $\varnothing$  4,8 x 1,6mm  
(adjustable with potentiometer)  
4.4 to 528 ml/min

One of the two pumps is equipped with a Manual/Auto switch for remote control with the two-point controller.

The Connection cable to the encapsulator's control cabinet is 2 m.

There is one on/off switch foreseen for both pumps.



You can fix two optical level switches fixed behind the autoclavable vessel with a support. They are adjustable in height and fixed in a way that the level of the hardening solution can be controlled with a two-point controller. The two-point controller is built-in into the control cabinet and the outputs are connected to relays.

There you can connect the dual headed peristaltic pump. We recommend to realise the required constant exchange by running the retracting pump with constant flow rate and to control by switching on and off the feed pump with the two-point controller. We offer customer specific solutions on request.