

# Encapsulation Unit –

## VARD2Go 6 – 12

This electromagnetically driven multi nozzle unit based on the laminar-jet-break-up is suitable for a large number of encapsulation applications (e.g. enzyme / drug immobilisation, cell encapsulation, cosmetic applications and many more), which open many new technological possibilities.



The advantages of head for multi nozzle application:

- There are two heads available in one. One for the single nozzle (low flow rate) and one for the multi nozzle (high flow rate) application.
- The change of mechanical parts is not needed.
- The stroboscope holder and the clamp are the same parts which can be mounted without tools.
- The green marked nozzle holder is made in titanium with the required material
- The nozzle sizes can be exchanged for your process development.
- 6-nozzle holder with 6 nozzle plate as well as a 12 nozzle holder with 12 nozzle pate can be mounted on the unit.



**Nisco Engineering AG**  
Wehtalerstrasse 562  
CH-8046 Zurich, Switzerland

Tel: +41 44 380 06 30  
Fax: +41 44 380 06 31  
e-mail: [mailbox@nisco.ch](mailto:mailbox@nisco.ch)  
<http://www.nisco.ch>

**Holder with nozzle plate with 6 holes 80 to 1000 µm (per nozzle size)**



**Holder with nozzle plate with 12 holes 80 to 1000 µm (per nozzle size)**



With the supplied **adaptation piece** which can be mounted on the head for multi-nozzle the work with the single nozzle for the process development purpose is possible

For work with two different liquids **coaxial 6 nozzle head** is available.