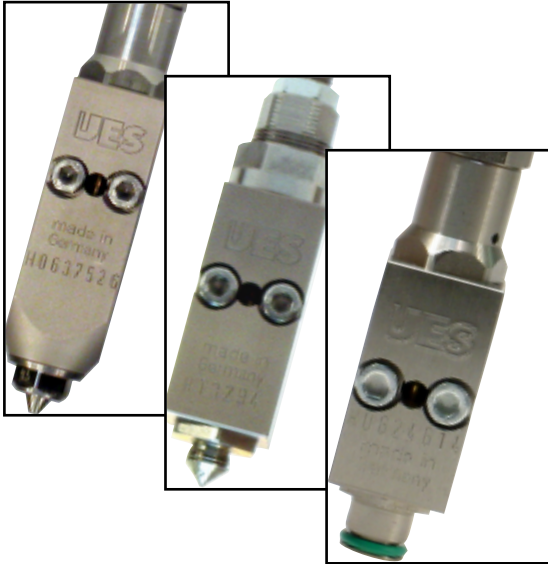


## Modules and nozzles.



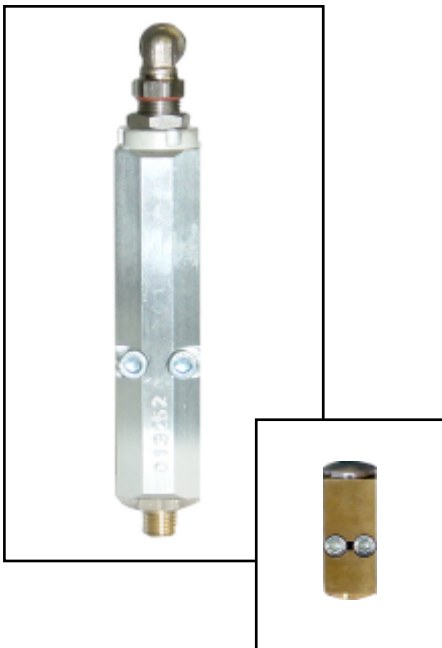
## Modules.

With many years experience in developing modules, UES offers a wide range for all important applications.

Whether dot bead, spray or slot nozzle applications, modules from UES supports all kinds of bonding glue. Even high viscosity glue types or PUR-adhesives are reliably coated.

Beside of the processing speed, the space available for the application module is also very important. Even solutions for non-contact surface spraying are available.

Modules from UES are connection compatible to Nordson® or other supplier's.



# Nozzles.

A comprehensive range of nozzles provides the correct glue application. Exclusive distribution of high precision nozzles guarantees perfect and long term use.

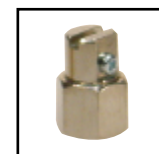
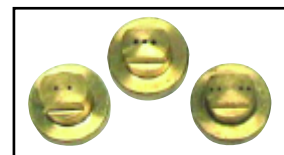
Spray applications are applied with nozzles made of brass or stainless steel. Even die nozzles with cap nut can be ordered.



For dot and bead applications, either single orifice nozzles or multiple orifices can be used.



Even angle nozzles with one or more orifices for the glue are available. The angle to the orifice is 90° but the angle between multiple orifices can be different.



# Details.

## H300

The UES high precision module H300 is well suited for standard application of glue and normal application speed. The module processes glue with a viscosity up to 20,000mPas/s at a maximum switching speed of 4000p/min (depends on the triggering). The applied air pressure for opening the module can be oiled or unoled.



## H300 MK

The minimum capillary type of the H300 is especially designed for minimal dot applications at high pulses. The nozzle seat comprises the nozzle. The thread tear-off is eliminated to a major extent by the direct closure at the nozzle outlet.



## H300 NA

Needle seat modules are optimized to reduce nozzle blockage caused by contaminated glue. The peak of the needle pushes every pulse through the nozzle outlet whereby a blockage of the nozzle is nearly impossible. The nozzle seat does not have any remaining capillary and stops unwanted drop-out. The module has an integrated micro adjustment.



## H300 SP

The spray module has an additional air pressure input. Symmetrically arranged air pressure outlets permit constant glue swirling. The modules are used on guns with an integrated heat exchanger. The sprayed glue has a sharp edge and is scarcely visible on the substrate.



# Details.

## H340 LL

Modules of the series H340 have been especially designed for the air-open/air-close application gun. Based on the design, thread tear-off is reduced to an absolute minimum. The module works well with very short trigger pulses with a high reiteration accuracy.



## H400

With a maximum bore diameter of 3.6mm, the module H400 is particularly suitable for application with a very high glue flow rate. It is the right choice if you need a large quantity of glue. Additionally it is compatible with the H20 module.



## H800

This module is designed to work with very adhesive PU-glue or glue with a high amount of solid content. The problem of fast abrasion of the module is clearly reduced with the H800. It is based on high technology and unique sealing system which prevents the negative impact of the glue on moving parts and noticeably improves the lifespan.



## H3000

The smallest module from UES measures only 16x17x45mm but it's performing great. It is best for fast applications or small places. Application guns with this module fit in every - even the smallest - production line. The mini module is connection compatible to Nordson® and Tenplus (ITW).





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