

## Vacuum Dispensing Systems VDS

Vacuum-assisted dispensing is a must if a high-quality dispensing, excellent resistance to high voltage and superb part insulation are required. The main aim of the vacuum-assisted dispensing process is to eliminate any air and moisture in the workpiece prior to dispensing to allow the entire hollow areas to be subsequently filled with dispensing material.

### Area of application:

Dispensing, potting, filling and soaking of electronic components, coils, sensors and much more.

### For handling of:

liquid, self-leveling materials such as polyurethane, silicone and epoxy resins.

## VDS B (Basic)

Our introductory model, the VDS B, is equipped with a Scheugenpflug Metering Unit for single and double component dispensing media and stands for rational series production with optimum results.



VDS B

### Advantages:

- Short evacuation times
- Simple operation
- A compact design
- Single or dual Outlet Metering System
- Loading frame and tray for simple loading
- Optional upgrade: XZ axis system



Dos A310 with VDS P 6030



Applications

## VDS U (Universal)

The VDS U is the ideal **one- or two-fold** dispensing system for **series production** of electronic parts under vacuum. The compact design, simple operation and short evacuation times allow rational series production with optimum results.



VDS U

### Advantages:

- The mobile xyz-workpiece pallet makes maximum use of the space in the vacuum chamber, thus allowing material to be dispensed onto difficult workpiece geometries and providing the operator with a great deal of flexibility when positioning the workpiece(s)
- Reliable and accurate repeated dispensing results
- User friendly programming and monitoring

## VDS P (Power)

The VDS P is equipped with a high-performance evacuation pump and a multiple metering unit, this VDS is the perfect partner for the mass production of electronic components under vacuum.



VDS P

### Advantages:

- Fast processing of large quantities of components
- It's compact dimensions allow it to be integrated into any manufacturing location without any problems
- It is impressive thanks to its extremely fast cycle times and precise results
- Reliable dispensing results which are repeated with accuracy
- Optimum bubble-free components
- User friendly programming and control
- Fast evacuation

## Function Scheugenpflug Control Panel:

The Scheugenpflug Control Panel is a PC controller which excels through its particularly simple user interface. It controls the process activity within the chamber.

Through its specifically modular design it may be programmed quickly and at the site for additional production steps and sequences.

The panel is attached directly at the vacuum chamber. The technical functions allow a reciprocal communication. This allows the operator to control the whole process by the vacuum chamber.

A clearly arranged 7" full graphic touch screen display, in different languages permits easy navigation on a few levels as well as entering and running of different programs.



Scheugenpflug  
Control Panel

## Variants

The Vacuum Dispensing System is not only available as a stand-alone unit but can also be easily integrated into existing production lines.



A310 / VDS B



A310 / VDS P



A310 / VDS U