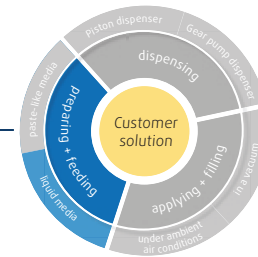




System solution example:
 Dos A310 manual work station, consisting of Dos P016 dispenser, 2 component, 1 nozzle;
 A310 60/20 preparation and feeding unit, 2 component



For Self-Leveling Media

Our All-In-One Solutions: Homogenize, Heat, Circulate and Evacuate Air

Many adhesives, sealants and potting materials are difficult to prepare and dispense. No compromises should be made in this case, since obtaining optimum dispensing results, and thus superior quality in a workpiece, can only be achieved by using an absolutely homogeneous and bubble-free medium.

For this reason, the A310 models are equipped with a heating function, allowing for direct control of the viscosity of the medium. The integrated evacuation function removes any air in the material during the preparation process. Circulating the medium also prevents filler sedimentation. Even after production breaks or longer production interruptions, such as over a weekend, the used medium maintains its high quality for further processing. If large material quantities are required, the A310 can be combined with our barrel agitator station [see page 50], which was designed for larger drums. The material preparation and feeding units are controlled by the SCP210 [see page 80], which features a convenient and intuitive touch display.



For Self-Leveling Media

fully automated
easy to service

handles any throughput
superior material quality



Model
A310 60/20,
2 component



The new FillingStation allows an easy and ergonomic filling of the A310.



Operation via
SCP210 Control Unit

A310 60/20 The A310 with 60 liter and/or 20 liter tanks is designed for preparing and feeding **larger quantities of material**. One or two heavy duty 250 cm³ piston pumps per component provide optimum results. The A310 is the system of choice especially in the case of **demanding vacuum applications**. For very specific tasks, such as potting ignition coils in a vacuum, the preparation and feeding unit can be **expanded to include compatible options**.

A310 TP20/TP05 The TP (Top Pump) model is particularly suited for **applications with smaller quantities of material with poor flowability**. The material tank features an integrated pump for these purposes.

A310 TP05/TP01 This A310 model is the right choice when dispensing only **small quantities of highly sensitive and/or very expensive materials** for example. Models with 1 liter and 5 liter tanks are available here.

[Info and videos: Learn more about the A310 and its variants](#)

FillingStation This optional device **complements and optimizes the material supply** when using an A310 system. The FillingStation is available for different container types and ensures **convenient and ergonomic filling** of the A310 with larger quantities of material. Thanks to an adjustable lift position, the lid prevents the outgassing of the used adhesives, sealants or potting materials while also effectively protecting them from dust and dirt. Attaching the A310 suction lance to the lid of the FillingStation is a **welcome convenience for the system operator** and makes continuous process monitoring unnecessary.

[Info: Learn more about the FillingStation](#)



Model A310 TP20/TP05 with Top Pump and Top Tank



Model A310 TP05/TP01 with Top Pump

Product data	A310 60/20		A310 TP20/TP05		A310 TP05/TP01	
	1C	2C	1C	2C	1C	2C
Tank models [l]	20 60	20/20 60/20 60/60	5 20	20/5 20/20	1 5	1/1 5/1 5/5
Delivery volume [cm ³ /stroke]	Piston pump		260		--	
	Vertical piston pump		--		60	
Evacuation rate	Ejector [l/min]		12		12	
	Vacuum pump [m ³ /h]		14.5-16		14.5-16	
Final vacuum pressure [mbar]	Diaphragm pump [m ³ /h]		--		1.2	
	Ejector		180		180	
Agitator speed [rpm]	Vacuum pump		2		--	
	Diaphragm pump		--		2	
Temperature adjustable up to [°C]	39		45		45	
Dimensions (W x H x D) [mm]	80		80		80	
Dimensions (W x H x D) [mm]	700 x 1950 x 1000		700 x 1950 x 1400		800 x 1155 x 1050	
Weight (without material) [kg]	240		400		200	
					300	
					220	
					280	

Product data	FillingStation	
Container, cylindrical	Outer diameter (footprint) [mm]	150-300
	Height [mm]	230-400
Container, square	Width [mm]	80-200
	Height [mm]	230-400
Dimensions (W x H x D) [mm]	Depth [mm]	100-240
		950 x 1105 x 450
Weight (without material) [kg]		54

[Request data sheet](#)

