

# pump<sup>UP</sup> your material quality!

The new all-in-one solution for self-leveling media

## LiquiPrep LP804

Absolutely homogeneous  
and bubble-free potting  
material

Consistently high feeding  
performance

Long service life thanks  
to patented diaphragm  
feed pump

Convenient operation  
and maintenance



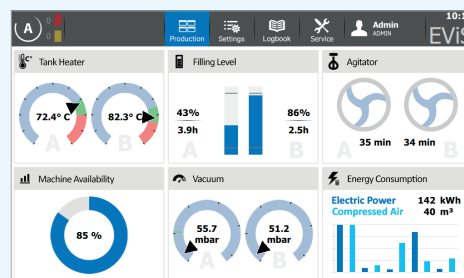
**Scheugenpflug**

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# LiquiPrep LP804


Product data		1C	2C
Tank models <sup>1</sup> [l]		20 50	20/20 50/20 50/50
Delivery volume diaphragm feed pump [ml/stroke]		100	
Evacuation rate	Ejector [l/min]	12	
	Vacuum pump [m <sup>3</sup> /h]	14,5-16	
Final vacuum pressure [mbar]	Ejector	180	
	Vacuum pump	2	
Agitator speed [rpm]		39	
Temperature adjustable up to [°C]		80	
Dimensions (W x H x D) [mm]		1000 x 1855 x 770	1500 x 1855 x 770
Weight (without material) [kg]		280	430

<sup>1</sup> In the tank models listed, even minimum quantities from 5 liters can be processed reliably.



## EViS control unit

The intuitive EViS control unit supports simple system operation in times of increasing digitalization. In addition to the easy adjustment of process parameters, the visualization also allows continuous monitoring of system performance.

 *Info: Learn more about the EViS*  
[www.scheugenpflug.de/en/evis](http://www.scheugenpflug.de/en/evis)


## Top material quality even for demanding dispensing tasks

There's no denying it: Electronic components have to work. An optimal dispensing performance as well as an absolutely homogeneous and bubble-free material are the prerequisites for this. In view of increasing requirements, however, more and more adhesives, sealants and potting compounds with very special properties are coming onto the market. They require adjusted preparation and feeding units that prepare the medium reliably and ensure gentle, uniform feeding to the dispenser.

For this task, the successor to our proven A310 material preparation and feeding unit is now available: The new LiquiPrep LP804 enables process reliable preparation and feeding of self-leveling potting materials with a viscosity of up to 70,000 mPa·s. Processes such as homogenization, tempering, circulation and evacuation can be used to specifically influence the processing properties of the medium.

The heart of the LiquiPrep LP804 is a novel, intelligent diaphragm feed pump. State-of-the-art sensors individually determine the degree of filling here. This ensures a continuously high feeding performance. The pump also offers significantly increased wear resistance and by extension a long service life. In addition, pump maintenance can now be carried out by the operator themselves for the first time. Process optimization of the system also enables fast evacuation and thus ensures that the material is quickly available in the required quality.

The newly designed, ergonomic front with easily accessible maintenance doors offers improved operating convenience. The optimized arrangement of the relevant system components also ensures more efficient handling and easier integration of the LiquiPrep LP804 into existing production environments.

 *Info: Learn more about the LiquiPrep LP804*  
[www.scheugenpflug.de/en/liquiprep-lp804](http://www.scheugenpflug.de/en/liquiprep-lp804)