

tune^{up} your integration!

The new piston dispenser –
more compact, lighter, optimized for integration

DosP DP803

All-round solution for varied
dispensing tasks

Highest precision and process
reliability

30% more compact design

Over 15% weight reduction

NEW



 **Scheugenpflug**

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The new piston dispenser – more compact, lighter, optimized for integration

DosP DP803

The new all-rounder – perfect for your task



Potting

For example: LEDs, automotive control units, power semiconductor modules



Sealing

For example: PCBs, switches, integrated circuits, connectors



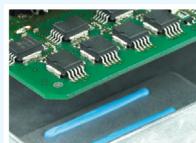
Application of sealing beads

For example: Enclosures, control units, motors, sensors



Adhesive bonding

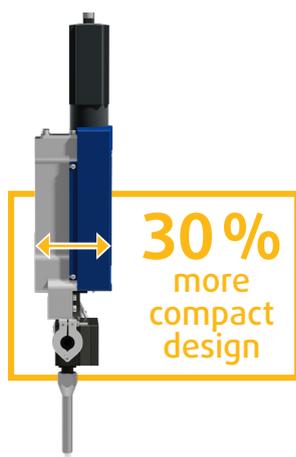
For example: Air filters, sensors, optical and acoustic components, screw fittings



Heat dissipation

For example: LEDs, connection of power semiconductors to heat sinks

[Info: Learn more about the different applications
www.scheugenpflug-dispensing.com/en/dispensing](http://www.scheugenpflug-dispensing.com/en/dispensing)



Product data DosP DP803 016

	1C	2C
Volume/shot at 1:1 min./max. [ml]	0.06/17	0.1/32
Dispensing speed max. ¹ [ml/s]	2	
Dispensing accuracy at max. stroke [%]	< 0.5	
Outlets	1	
Heatable up to max. [°C]	80	
Dimensions (W x H x D) [mm]	290 x 540 x 160	
Weight [kg]	11	

¹ application dependent

The all-round solution for numerous applications

Whether adhesive bonding, sealing, filling or heat dissipation: Due to their simple, robust design principle, piston dispensers are the systems of choice for many different dispensing tasks. They also cover a wide range of materials: In addition to very liquid adhesives, sealants and encapsulants, piston dispensers are also suitable for highly viscous and/or filled as well as abrasive materials. With the DosP DP803 016, a new generation of our proven volumetric piston dispenser Dos P016 is now available for your individual dispensing application.

Compared to its predecessor, the new dispenser is 30 percent more compact and **over 15 percent lighter**. This makes it the **ideal integration component for your production**. Sensors on the inlet valves ensure even greater process reliability during dispensing. Thanks to additional equipment options such as mixing tube or dispenser heating, the new piston dispenser can also be **flexibly adapted to your task**. In addition, a special TCA version (Thermally Conductive Adhesive) of the DosP DP803 016 is available. It has been optimized for the fast and precise application of thermally conductive materials.

Of course the new DosP DP803 016 also offers the well-known advantages of our proven volumetric piston dispensers: Exactly dimensioned dispensing cylinders enable the output of **precise, reproducible material volumes**, and in the case of 2C media, a constant mixing ratio at all times as well. The application is independent of temperature, feeding pressure and material viscosity. In addition, users benefit from simple and fast maintenance as well as **market-leading service life**.

[Info: Learn more about the DosP DP803
www.scheugenpflug-dispensing.com/en/dosp-dp803](http://www.scheugenpflug-dispensing.com/en/dosp-dp803)