

PISTONS PUMPS

100 µL / shot, 200 µL / shot, 300 µL / shot
Discharge Accuracy < 0,5%

CAP Series



The rotary piston pumps have a high repeatability of only 0.5%, therefore they are a very precise solution for liquid dosing.

Due to the piston system the pumping of high viscous media is possible.

The wetted materials PVDF, PTFE and Ceramics have a high chemical resistance.

With liquid volumes of 100 µL, 200 µL and 300 µL per shot, the smallest amounts can be dosed continuously.

SPECIFICATIONS

	100 µL/shot	200 µL/shot	300 µL/shot
Discharge Accuracy	CV < 0,5 % *		
Speed Range	5 ~ 300 RPM		
Discharge Pressure	1.50 bar		
Fluid Temperature	0 - 60°C		
Ambient Temperature	0 - 40°C		
Motor	2-phase bipolar stepping motor		
Related Voltage	24 VDC		
Port Connection	M6 1/4 -28UNF		
Wetted Materials	PVDF, PTFE, Ceramic		

*Tested under 100 RPM, 10 stroke withoutback pressure