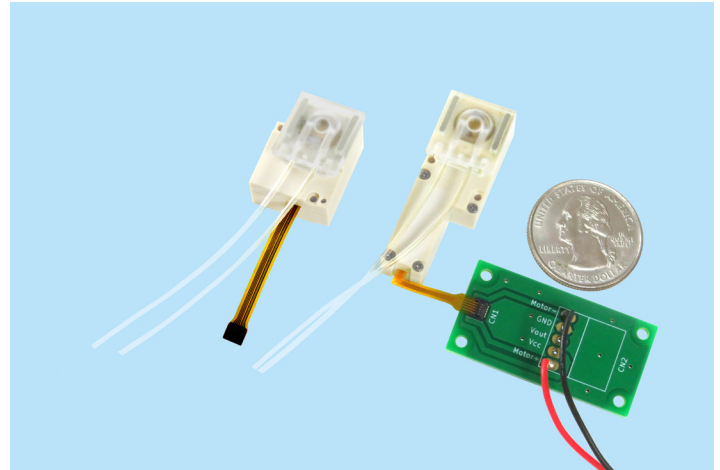


TAKASAGO FLUIDIC SYSTEMS

Micro Peristaltic Pump BCP/RCP Series

DESCRIPTION

The Takasago BCP/RCP Series micro pumps are one of the smallest positive displacement peristaltic pumps on the market. The pump has been designed with an exchangeable head using a magnetic coupling. The pump can be driven with either a DC or stepper motor using 3 VDC or less. The pumps are customizable and the flow rates can be adjusted to meet any application. An optional drive board is available.



FEATURES

- Miniature sized and light-weight, suitable for wearable devices.
- Controllable a few micro litres of drugs including insulin.
- Battery driven (DC motor type).
- Clean and economical wetted area due to its disposability.
- Possible to customise for your required flow rate
- Easy to remove and replace disposable part.

SPECIFICATIONS

GENERAL

Model Number	BCP-10E, TC-10P	RCP-10E, TC 10P
Motor	DC Motor	2-phase bipolar type stepper motor
Flow Rate	50 µL/min	50 µL/min *1
Voltage	2 VDC	3 VDC
Wetted Materials	Silicone	
Tubing size	I.D. 0.5 × O.D. 1.0 mm	
Dimensions	14 × 38 × 13 mm	19.2 × 6.7 × 13 m m
Weight	Approx. 6 g	
Remarks	Built-In Rotation Position Sensor	

*1 When the pulse frequency is 1000 pps.

Notes:

- 1.Details including specifications may change without notification.
2. Pump are made to order and available in low volumes.
3. DC Conversion Board part # CNN-PCB is available upon request.

ULTRA-SMALL PERISTALTIC PUMP - BCP/RCP SERIES

