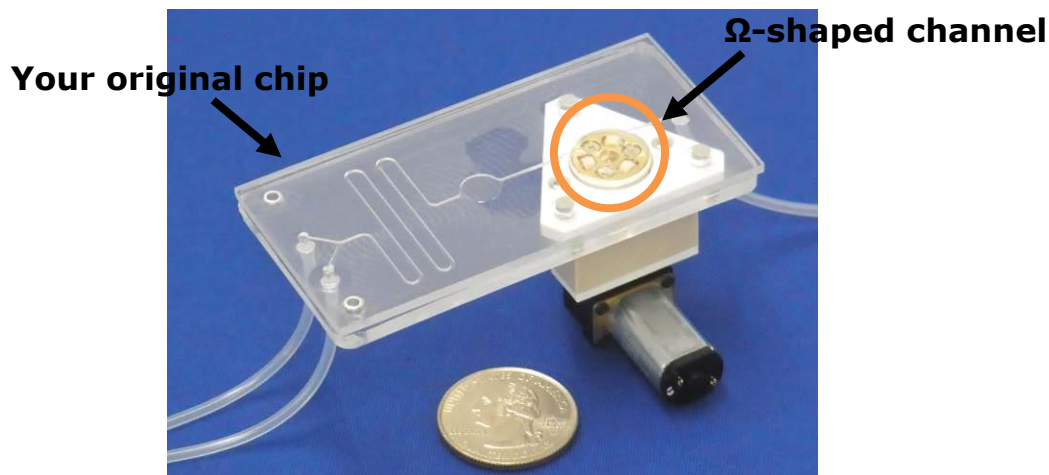


**MICRO PLANAR PERISTALTIC PUMP (Patent Pending)**  
**Chip Pump**



**Features**

- A PDMS chip incorporating a peristaltic pumping function, where rollers rotate and compress a Ω-shaped channel to directly pump the liquid inside.
- The PDMS chip is replaceable and sterilisable.
- The picture above is an example of a Chip Pump incorporated into your original PDMS chip. Our standard triangular chips are also available.

**Specifications (with Standard Triangular Chips)**

Pump Model	ACP-29		QCP-29	
Motor	DC motor		Stepper motor	
Chip Number	BC-29P-002	BC-29P-001	BC-29P-002	BC-29P-001
Flow Rate *1	55 µl/min	200 µl/min	1 ~ 50 µl/min	2 ~ 165 µl/min
Pump Pressure	50 kPa			
Rated Voltage	3 VDC		*2	
Chip Material	PDMS (Stainless steel pipes for connection and silicone tubing are attached to the standard chips at the time of shipping.)			

\*1: The flow rate of the QCP series is defined when used with the controller RE-C100.

\*2: The input power supply of the controller RE-C100 is 100VAC (50-60 Hz).



**Standard Triangular Chip**



**Controller RE-C100**

**Use the QR code on the right or the link below to see the video of the Chip Pump with our standard triangular chip.**  
<https://youtu.be/SXW2M2Z68C4>



Note: Specifications etc. may be changed at any time without notice.

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