

iPumps OEM Pump Module System

iPump's OEM range of tube/peristaltic pumps are designed to be integrated into user's own equipment whether this is a new or existing design.

For any equipment that requires the use of a low maintenance, low cost dosing and metering pump, the iPumps OEM range of peristaltic pumps is ideal and should be your first choice wherever the fluid is abrasive, corrosive, sterile or shear-sensitive. The pumped media is not in contact with a pumping mechanism, so there is no degrading or contamination of your pumped media.

Peristaltic pumps can meet the demands of processes across all industries and can be found in applications as diverse as bioreactors and medical equipment to car washes and industrial machines.

The iPumps OEM range can be configured into the perfect solution for your OEM peristaltic pump project. We can usually adapt our OEM range to your existing installations.

The OEM module consists of a small chassis fitted with a circuit board containing the control electronics. This controls the attached step motor which drives the pump head. There are a variety of single and multichannel pump heads available. There are also various methods that can be used to control the flow rates, usually by either an external pulse control, or using the internal pump motor speed controller.

Control Electronics Circuit Board

Internal speed control: BCD dial switch
Speed range under internal control: 5-100 rpm
Speed range under external control: 0.1-100 rpm
Speed resolution: 0.1 rpm
Speed stability: 0.1 rpm
External speed control: 0-10Hz pulse control
Start/Stop control
Direction control: clockwise/counter-clockwise
Power supply: 11.4 to 25.2V DC or AC adapter
Power consumption: 10W
Operating environment: Ambient temperature 0-40c
Relative humidity: <80%



Contact us for further information or with details of your specific requirements: email sales@ipumps.biz

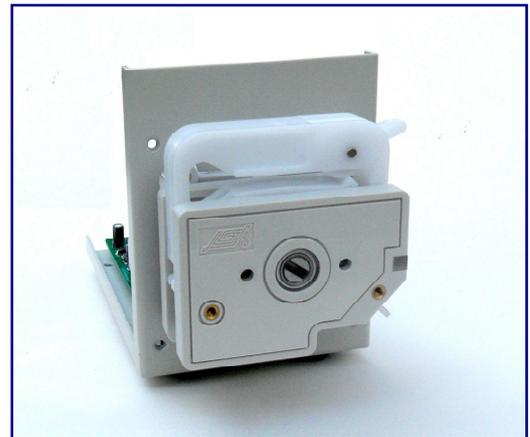


C1R3 Pump Head

Easy load
Single channel
Three rollers
Flow rates 0.006 to 366 ml/min

Multi-Channel Pump Head

Cassette loading
2 or 4 channel
6 or 10 rollers
Flow rates 0.005 to 32 ml/min



“Watch” Pump Head

Low cost
Single or dual channel
Flow rates 0.01 to 43 ml/min

Other pump head and motor combinations are available

Why use us?

iPumps is a small knowledge based engineering company that can help customers with the design of their peristaltic pump application. We are happy to help develop specialised pump applications, whether high volume (in thousands) or low volume (in tens). We promise to give you a level of personal service that exceeds your expectations.

Contact us for further information or with details of your specific requirements: email sales@ipumps.biz