



M200 Micropump

RS MICROPUMPS: 480122, 9146956.

(Patents Pending, Quality Assured ISO 9001, RoHS compliant)

INTRODUCTION

The RS M200 Micropumps are a high-quality miniature pump for liquids. They are highly efficient, small and lightweight. The solid construction and wide temperature tolerance, enable them to perform reliably even in hostile environments. Your Micropump can be quickly and easily installed into the smallest spaces, in a vast range of laboratory, prototype and production equipment.

ELECTRICAL CONNECTION

Red + Positive

Voltage: DC (Nominal 3.0v dc)

Black – Negative

Your micropump can be connected to batteries or a low voltage dc power supply > 600mA. Pumping rate can be fine tuned by using input voltages between 1.0v – 3.0v dc. Micropump life is increased at lower operating voltage/speed.

**DO NOT immerse your Micropump
(unless you have a Waterproof or Submersible version)**

Materials

Housing	Anodised Aluminium
Tubing Connectors	Stainless Steel 316
Impeller	Polyacetal
Seals	FKM

TUBING

M200S: 3.2mm (1/8") bore semi-flexible tubing

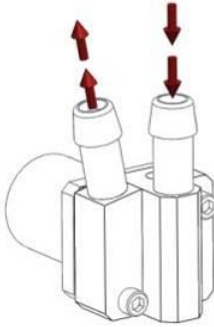


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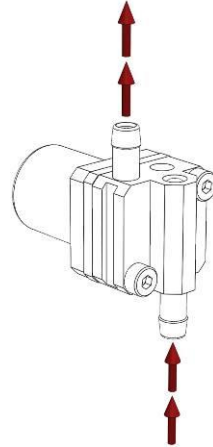


Notes on Operation

The M200 series Micropumps require the pump and suction side of the fluid circuit to be filled with liquid (primed) before they can operate. The pump will not operate correctly if any air remains within the fluid circuit.



M200S-V



M200S-180-V

Micropumps are required to be filled with liquid (primed) before they can operate.

DO NOT run your Micropump dry. Ensure that the pump has been primed before use.