

MPK0605 micro pump kit



includes:

micro pump MDP2205

pump control EDP0604

AC/DC converter

The MPK0605 micro pump kit allows first time customers to run the MDP2205 micro pump. Set-up is easy: just connect the pump to the

electronic pump control and plug in the power supply. By changing the frequency on the pump control, you may change the pump's flow rate;

it is also possible to control the frequency by an external TTL signal.

Additional information

For further details, please, refer to the respective data sheets:

MDP2205
micro diaphragm pump

EDP0604
electronic pump control

or contact

micropump@thinxxs.com

Technical specifications

electronic pump control (EDP0604)

supply voltage 5 V DC (stabilized)

frequency range

in steps of 0.1 Hz 0.5 - 99.9 Hz

in steps of 1.0 Hz 100 - 200 Hz

micro diaphragm pump (MDP2205)

max. flow rate (at 22°C, no back pressure)

water 9.2 ml/min (typ.)

air 20.0 ml/min (typ.)

max. back pressure (at 22°C, no flow)

water (at 30 Hz) 55.0 kPa (≈ 8.0 psi)

air (at 100 Hz) 15.0 kPa (≈ 2.2 psi)

Order information

Description	Product code	Mains supply	Order code
MDP2205 Micro Pump Kit	MPK0605	Europe	PK06CC0501DE
		North America	PK06CC0501US
		Japan	PK06CC0501JP