

MPK0504 micro pump kit



includes:

micro pump MDP1304

pump control EDP0604

AC/DC converter

The MPK0504 micro pump kit was especially designed for first time customers. The whole system is operational within minutes: just connect

the AC/DC converter and the micro pump to the EDP0604 electronic pump control. The pump control allows you to change the pump's flow rate

either manually by using the internal frequency generator or by connecting a PC and applying a TTL signal.

Additional information

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

MDP1304
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 (MDP1304)

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

water 7.0 ml/min (typ.)

air 22.0 ml/min (typ.)

max. back pressure (at 22°C, no flow)

water (at 25 Hz) 35.0 kPa (≈ 5.1 psi)

air (at 100 Hz) 10.0 kPa (≈ 1.5 psi)

Order information

Description	Product code	Mains supply	Order code
MDP1304 Micro Pump Kit	MPK0504	Europe	PK05CC0401DE
		North America	PK05CC0401US
		Japan	PK05CC0401JP