

MPK0705

MDP1304 premium kit



includes:

- 3 micro diaphragm pumps (type: MDP1304)**
- 1 OEM pump control**
- 1 desktop pump control**
- 1 AC/DC converter**
- 1 SMB connector (for PCB mount)**
- & tubing**

The MDP1304 premium kit is an all-in-one carefree package. It includes all that is

necessary in order to run the MDP1304 micro pump in the easy plug-and-play set-up as

well as to evaluate it for the intended OEM environment.

Additional information

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

MDP1304
micro diaphragm pump

EDP0504
electronic pump control

EDP0604
electronic pump control

or contact

micropump@thinxxs.com

Technical specifications

micro diaphragm pump (MDP1304)		
max. flow rate (at 22°C, no back pressure)		
water	7.0 ml/min (typ.)	
methanol	10.0 ml/min (typ.)	
max. back pressure (at 22°C, 25 Hz, no flow)		
water	35.0 kPa	(≈ 5.1 psi)
methanol	40.0 kPa	(≈ 5.8 psi)
OEM pump control (EDP0504)		
supply voltage	4.5-7 V DC (stabilized)	
power consumption	0.23 W (@ 25 Hz)	
electronic pump control (EDP0604)		
supply voltage	5 V DC (stabilized)	
may be controlled via external TTL signal		

Order information

Description	Product code	Mains supply	Order code
MDP1304 PREMIUM KIT	MPK0705	Europe	PK07CC0501DE
		North America	PK07CC0501US
		Japan	PK07CC0501JP