

# METRIC PUMP & MPCON-100

## Data Sheet

Compact Design and precision volumetric dispensing regardless viscosity diversity by applying DC Motor & precise Advanced Linear Actuator.



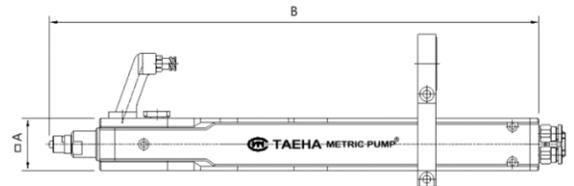
### Features

- Volumetric Displacement Variable Control Pump.
- Various materials with low and high viscosity can be dispensing.
- Application of bio, medical reagent manufacturing process.
- Electric vehicle, secondary battery electrolyte discharge possible.
- Thermal Conductive Encapsulation, Gap filler, Tim Process Applied.

### METRIC PUMP Specification

Model	MP-150	MP-500	MP-2000
Weight	1.0		1.2
Dimension (A x B)	29 x 278		29 x 305
Viscosity (cp)	1~1,000,000		
Volume/rev.	0.15 mL	0.5 mL	2.0 mL
Volume (Min)	0.0015 mL	0.005 mL	0.02 mL
Stroke (mm)	15		20
Lead (mm)	7.5		10
Speed (Max)	15 mm/s		20 mm/s
Accuracy	+/- 1.0 %		

### Dimension (mm)



### System Configuration



### MPCON-100 Specification

Dimension (W x D x H)	240 x 115 x 213 mm
Weight (kg)	2.5
Power	AC 200V 60 Hz
Mode	Metering / Time / Steady
Display	5" Touch Screen
Interface	RS485 (MODBUS)