

LY-Micro

High Precision Thrust Stand


 MAX Thrust
2KGF

 Max Propeller
13 inch

 Voltage Range
0 ~ 30 V

 Current Range
0 ~ 50 A

 Software
MET-V series

 English user
interface


LY-Micro (High Precision) Thrust Stand

Basic Parameters	Operating Temp	0 ~ +40 °C
	Operating Humidity	≤80%
	Storage Temp	-20 ~ +60 °C
	Net weight	12kg
Propulsion System	Dimension	370*370*475mm
	Testing Precautions	Thrust direction: only Push direction supported
	Max diameter of propeller	13 inch
	Voltage Range	0 ~ 30 V
Voltage & Current	Voltage Resolution	0.01 V
	Voltage Accuracy	0.05%+0.05%FS
	Current Range	0 ~ 50 A
	Current Resolution	0.01 A
Thrust	Current Accuracy	0.1%+0.1 %FS
	Range	2 kgf
	Resolution	0.1 gf
	Accuracy	0.1%+0.1 %FS
Torque	Range	2 N-m
	Resolution	0.0001 N-m
	Accuracy	0.1%+0.1 %FS
Commutation Speed	Range	400000PRM/Pole pairs
	Resolution	1 RPM
	Accuracy	0.05%
Optical Speed	Range	200000 RPM/Optical stickers
	Resolution	1 RPM
	Accuracy	0.05%
Temp Probe	IR Temp	-70 ~ +350 °C
	IR Temp Resolution	0.1 °C
	Accuracy of IR Temp	±0.5 °C
	Barometric Range	30 ~ 100 kpa
Environmental Module	Barometric Resolution	0.01 kpa
	Barometric Accuracy	±0.06 kpa
	Ambient Temp Range	-40 ~ +85 °C
	Ambient Temp Resolution	0.1 °C
	Ambient Temp Accuracy	±1 °C
	Humidity Range	0 ~ 100%RH
	Humidity Resolution	1%RH
	Humidity Accuracy	±3%
Wireless Data Transmission	Frequency Band	2.4 GHz
	Transmit Power	12 dBm
	Communication Distance	200 m