

# LY-10KGF Thrust Stand

Delicate and Capable



MAX Thrust  
10 KGF



MAX Propeller  
30 inch



Voltage Range  
5 ~ 65 V



Current Range  
0 ~ 100 A



Software  
MET-V Series



English User  
Interface



## LY-10KGF Thrust Stand

Basic Parameters	Operating Temp	0 ~ +40 °C
	Operating Humidity	≦80%
	Storage Temp	-20 ~ +60 °C
	Net weight	8kg
Propulsion System	Dimension	685*536*560mm
	Testing precautions	13 inch or lower (only Push direction supported)
	Min test propulsion set	Max thrust (100% throttle)>1kgf
Voltage & Current	Max diameter of propeller	30 inch
	Voltage Range	5 ~ 65 V
	Voltage Resolution	0.01 V
	Voltage Accuracy	0.05%+0.05%FS
	Current Range	0 ~ 100 A
	Current Resolution	0.01 A
Thrust	Current Accuracy	0.1%+0.1%FS
	Range	10 kgf
	Resolution	1 gf
Torque	Accuracy	0.1%+0.1%FS
	Range	5 N-m
	Resolution	0.001 N-m
Commutation Speed	Accuracy	0.1%+0.1%FS
	Range	300000PRM/Pole pairs
	Resolution	1 RPM
Optical Speed	Accuracy	0.05%
	Range	200000 RPM/Optical stickers
	Resolution	1 RPM
Temp Probe	Accuracy	0.05%
	IR Temp	-70 ~ +350 °C
	IR Temp	0.1 °C
Environmental Module	Accuracy of IR Temp	±0.5 °C
	Ambient Temp Range	-40 ~ +85 °C
	Ambient Temp Resolution	0.1 °C
	Ambient Temp Accuracy	±1 °C
	Barometric Range	30 ~ 110 kpa
	Barometric Resolution	0.01 kpa
Barometric Accuracy	±0.06 kpa	
Wireless Data Transmission	Humidity Range	0 ~ 100%RH
	Humidity Resolution	1%RH
	Humidity Accuracy	±3%
	Frequency Band	2.4 GHz
Wireless Data Transmission	Transmit Power	12 dBm
	Communication Distance	200 m