


# ADS-330HTG / Alloy Case Digital Torque/Speed Micro CCPM Servo

## (Titanium alloy gear)

Control System	Positive PWM control 1500 usec Neutral	
Operation Voltage Range	4.8V ~ 6.0V	
Operation Temperature Range	-20C° ~ +60C° (-4°F ~ 140°F)	
Test Voltage:	<b>At 4.8V (Ni-cd)</b>	<b>At 6.0V (Ni-cd)</b>
Torque	2.4 kg/cm , 26 oz/in	3.0 kg/cm , 30 oz/in
Speed	0.10 sec / 60° at no load	0.08 sec / 60° at no load
Idle Current	2mA at stopped	2mA at stopped
Running Current	255mA at no load	265mA at no load
Stall Current	840mA	960mA
Dead band width	2 usec	2 usec
Operation Travel	45°/ one side pulse travel 500 usec	
Direction	Re-clock wise/ Pulse Travel 1500 to 2000 usec	
Motor Type	Japan Coreless Motor	
Potentiometer Type	6 Slider/indirect drive	
Amplifier Type	Narrow bend digital control IC	
Dimensions	24.5 x 12.1 x 23 mm / 0.99 x 0.51 x 0.91 inch	
Weight:	18.4 grams / 0.56 oz.	
Ball Bearing	One Ball bearing on the top	
Gear Material	Titanium Gear	
Horn Gear Spline	Metal 25 Tooth (External diameter: 5.9mm)	
Connector Wire Length	160mm (6.29in)	
Connector Wire Stand Counter	60EA	
Connector Wire Gauge	22AWG	
Wire Info (Black)	- Negative	
Wire Info (Red)	+ Positive	
Wire Info (White)	S Single	
<b>Spare Parts Items</b>		
Servo Gear Set	<#10308> ADS-330HTG(Metal Gears)	
Servo Case Set	<#10309> ADS-330HTG(Outside case)	
Servo Accessories	<#10311> ADS-330HTG(Accessories - Horn & screws & rubber )	

