

# MAGNETIC BIAXIAL MEASURE AND CONTROL INSTRUMENT

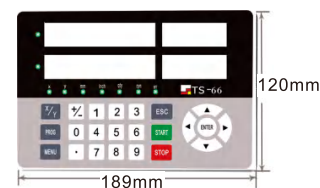
## 磁栅双轴测控仪

### TS-66

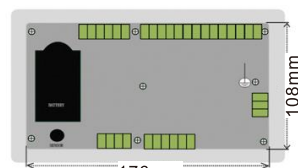
- 双轴控制器，集中管理  
Dual-axis controller, centralized management
- 准绝对式测量，磁性位移传感器+电池+外部电源供电  
Absolute type measuring, magnetic displacement sensor + Battery + external power supply
- 交流220V直接供电  
AC 220V power supply
- 普通/伺服/步进电机均可控制(按需定制)  
Ordinary/servo/step motor can be controlled(On-demand)
- 可显示的信息量大: 四排高亮数码管(7位+7位+4位+4位)  
Can display information: four rows highlighted digital tube (7 + 7 + 4 + 4)
- 公制/英制可切换  
Metric/inch swappable
- 单动/手动运动模式  
Single action/manual operation mode
- 10组预设工程数据存储  
10 the default engineering data storage
- 菜单参数丰富，可自由设定  
Rich menu parameters, can be set freely
- 工件计数功能  
Artifacts counting function
- 自适应运动惯性  
Adaptive motion inertia
- 自修正丝杆间隙误差  
Since the fixed screw clearance error
- 高可靠性继电器(正反向+减速+完成)+晶体管脉冲(脉冲+方向)输出  
Highly reliable relay (forward and reverse + speed + complete) + transistor pulse (pulse + direction) output
- 后备电池，即使外部电源断开，设备有位移，TS66也能实时跟踪测量  
Backup battery, even if the external power supply disconnected, device has a displacement of TS66 real-time tracking and measurement



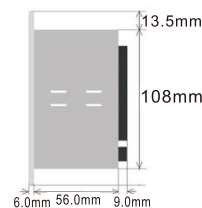
特性 features	X、Y轴技术参数 Technical parameters of x, y axis	备注 Notes
系统精度 System accuracy	$\pm (0.03+0.01*L)mm$	L单位为：米 Unit: m
重复精度 Repeat accuracy	0.01mm	
测控范围 Range of measurement and control	-19999.9mm~99999.9mm	与分辨率设定有关 Associated with the DPI setting
显示分辨率 Display resolution	0.01mm/0.05mm/0.1mm	可设定 Can be set to
电源电压 Power supply voltage	AC220V/AC110V	
后备电池 Backup battery	锂电池	
整机功耗 Machine power consumption	<4W	
测控速度 Control speed	MAX2.5m/S	
适用磁尺 Applied magnetic ruler	5mm+5mm	
读头与磁带间距 Read head and the tape space	0.5mm-----2.0mm	
输出形式 Output form	继电器 常开 Relay normally open	可订制晶体管脉冲输出 Customizable transistor pulse output
输出触点功率 Contact power output	继电器: AC220V/5A DC24V/10A Relay: AC220V/5A DC24V/10A	晶体管: DC30V/100mA Transistor: DC30V/100mA
传感器线长度 Sensor cable length	1m-----15m	可订制 Can be customized
传感器防护等级 Sensor protection rating	IP67	
工作温度 Working temperature	-10°C.....+60°C	
储存温度 Storage temperature range	-30°C.....+80°C	
外壳 Shell	金属 Metal	



正视图  
Front view



后视图  
Rear view



侧视图  
Side view

TS-66其它优点：

- 1: 准绝对式测量，具备磁栅测量仪的一切优点，直接测量，无机械转换误差
- 2: 可控制普通或伺服/步进电机，全闭环，不同的端口输出不同的控制信号
- 3: 控制系统性价比比高

TS-66 other benefits:

- 1: quasi-absolute measurements, with all advantages of magnetic measuring instrument, measuring, no mechanical conversion error
- 2: General/servo/stepper motors can be controlled, closed-loop, a different port to output different control signals
- 3: control system for high performance-price ratio