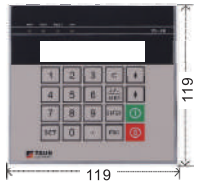
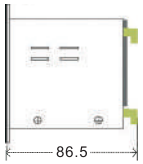
磁栅控制器 TS-50

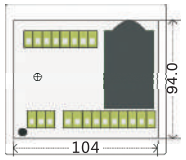
THE MAGNETIC MAGNETIC GRID CONTROLLER



正视图
Front view



侧视图
Side view



后视图
Rear view

- 准绝对式测量,电池+外部电源供电,磁性位移传感器+功率继电器输出的一体化设计
  Absolute type measuring, battery external power supply, Magnetic displacement sensor + power relay output integration design
- 6位高亮数码管显示
  Six highlight digital tube display
- 公制/英制可切换
  Metric/inch swappable
- 手动/单动运行模式
  Manuallsingle acting operation mode
- 10组单动数据存储
  10 single action data storage
- 自适应运动惯量
  Adaptive motion inertia
- 自修正丝杠间隙误差
  Since the fixed screw clearance error
- 高可靠性继电器输出(包括换向,高低速,定位完成等输出
  High reliable relay output(including directional, high speed,positioning to complete such as output)
- 使用磁性位移传感器
  Using magnetic displacement sensor
- 市电+后备电池供电
  Backup battery +Backup battery power
- 电池供电,即使外部电源断开后,设备有位移,Ts50也能实时跟踪准确测量
  Battery power, even if the external power supply is disconnected, device has a displacement, Ts50 also can be tracked in real time and accurate measurement
- 带多段补偿功能
  With multiple compensation function

特性、技术参数表、备注

特性 Features	技术参数 Technical parameters	备注 Notes
系统精度 System accuracy	±(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	1节2号 1.5v(LR14) 1 2nd 1.5v(LR14)	寿命约2.5年 Life is about 2.5 years
整机功耗 Machine power consumption	小于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	
输出触点功率 Contact power output	AC220V/5A DC24V/10A	
传感器线长度 Sensor cable length	1m------15m	可定制 Can be customized
传感器防护等级 Sensor protection rating	IP67	
工作温度 Working temperature	-10℃.....+60℃	
储存温度 Storage temperature range	-30℃.....+80℃	
外壳 Shell	金属 Metal	

[磁栅控制器优点:]

具备磁栅测量仪的一切优点。直接测量控制,无机械转换误差。驱动控制大功率普通电机(交流或直流电机)。控制系统性价比高。

Magnetic grid controller advantages

With all advantages of magnetic measuring instrument. Direct measurement and control, no mechanical conversion errors. Drive control power General Motors(AC or DC motors) Control system for high cost performance.