

COLOR SCREEN MAGNETIC GRID CONTROLLER

彩屏磁栅控制器

TS-70S

- 彩色5寸高清分辨率屏显示人性化操作界面
Color 5-inch high-definition resolution screen displays humanized operation interface
- 内置锂电池，实现不间断扫描，即使外部电源断开，设备有位移，亦能实时跟踪测量
Built-in lithium battery to realize uninterrupted scanning, even if the external power supply is disconnected and the device is displaced, it can also track and measure in real time
- 单轴控制器，交/直流24V供电
Single axis controller, AC/DC 24V power supply
- 脉冲型反馈信号定位控制方式(结合伺服驱动器使用)
Pulse feedback signal positioning control method (combined with servo drive)
- 全铝合金外壳结构设计，超强抗干扰能力
All aluminum alloy shell structure design, super resistance to dry resistance
- 传感器航空插头对接连接方式
Sensor aviation plug docking connection
- 智能锯片高度测量与锯片摆角角度关联
Intelligent saw blade height measurement is related to saw blade swing angle
- 智能行程限位，缓冲处理
Intelligent travel limit, buffer processing
- 自适应运动惯性，自修正丝杠间隙误差
Adaptive motion inertia, self-correcting screw clearance error
- 高可靠性继电器或高速脉冲输出
High reliability relay or high speed pulse output
- 智能快捷一键归原点
Smart and quick one-click home
- 智能锯片转速监测，靠板座状态监控，转速追踪，锯片状态等管理
Intelligent saw blade speed monitoring, monitoring by plate base status, speed tracking, saw blade status and other management



特性 features	技术参数 Technical parameters	备注 Notes
系统精度 System accuracy	0.03+0.01Lmm	L单位为: 米
重复精度 Repeatability accuracy	MAX. 0.01mm	L单位为:米 Lunit is: m
测控范围 Measurement and control range	9999.99~9999.99mm	与分辨率设定有关 Related to reselution setting
显示分辨率 Display resolution	0.01,0.05,0.1,1mm	可设定 Can be set
最大外观尺 Maximum Appearance Size	153X153X55mm	
后备电源 Backup power	内置锂电池 Built-in lithium battery	智能充电管理 Intelligent charging management
电源供电 Power supply	交/直流24V AC/DC24V	
整机功耗 Machine power consumption	小于8W	
测控速度 Measurement and control speed	Max 2m/s	
适用磁尺 Applicable magnetic ruler	5mm+5mm	
读头与磁带间距 Spacing between reader and tape	0.5mm-----1.5mm	
外壳材料 Housing material	银色铝合金 Silver aluminum alloy	
传感器线长度 Sensor line length	1m----15m	可定制 Custommizable
传感器防护等级 Sensor protection level	IP67	
工作温度 temperature	-10°C~+60°C	
储存温度 Storage temperature	-30°C~+80°C	
输出形式 Output form	继电器常开;脉冲输出 Relay normally open; pulse output	

