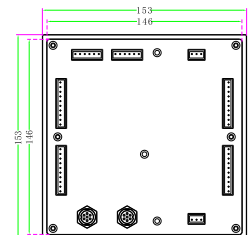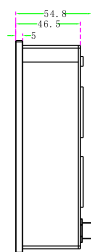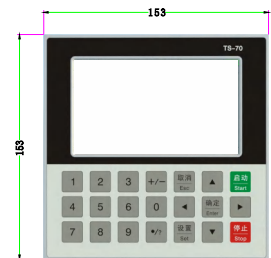# COLOR SCREEN MAGNETIC GRID CONTROLLER

彩屏磁栅控制器

TS-70AHC/70HC

- 彩色5寸高清分辨率屏显示人性化操作界面
  Color 5-inch HD resolution screen display, user-friendly 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/双轴控制器,集中管理,交/直流24V供电
  Single/Double Axis Controller, Centralized Management, AC/DC 24V Power Supply

- 全铝合金外壳结构设计,超强抗干抗能力
  Structural Design of Aluminum Alloy Shell with Super Anti-jamming Ability

- 传感器航空插头对接连接方式
  Sensor Aviation Plug Docking Connection Mode

- 准绝对式测量磁性位移传感器
  Quasi-absolute measurement, magnetic displacement sensor

- 普通/伺服/步进电机均可控制(按需定制)
  Normal/servo/stepper motor can be controlled (on-demand)

- 菜单参数丰富,可自由设定
  Rich menu parameters, free to set

- 自动/手动运行模式多组预设工程数据存储
  Automatic/manual operation mode multiple sets of preset project data storage

- 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

- 智能实现一键测量料高，45度/90度相关联
  Intelligently measure the material height with one key, and correlate with 45 degrees/90 degrees

- 智能快捷一键归原点
  Smart and quick one-click home

- 智能多段线性补偿设置和摆角补偿设置
  Intelligent multi-segment linear compensation setting and swing angle compensation setting

- 智能实时打印产品标签
  Smart real-time printing of product labels

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 L unit is: m
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 relosution 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℃~+60℃	
储存温度 Storage temperature	-30℃~+80℃	
输出形式 Output form	继电器常开;脉冲输出 Relay normally open; pulse outpu	