

THE THIRD GENERATION MAGNETIC GRID TOUCH SCREEN DISPLAY SYSTEM

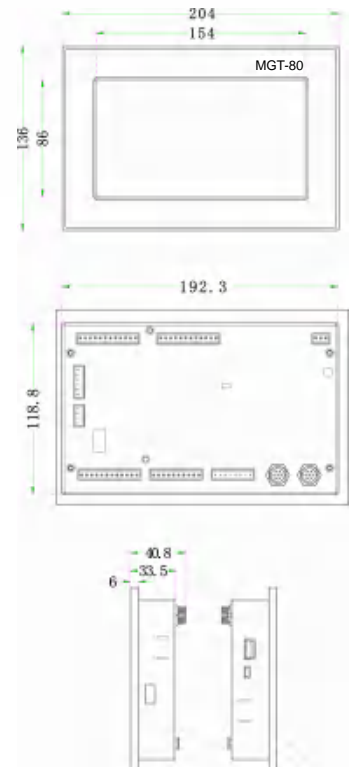
第三代磁栅触屏显示系统

MGT-80

- 7吋高清触摸彩色显示屏
7-inch high-definition touch color display
- 多轴测量
Multi-axis measurement
- 内置充电锂电池，支持掉电保存测量位置，无需更换电池
Built-in rechargeable lithium battery, support to save the measurement position when power-off, no need to replace the battery
- 支持无线数据传输功能
Support wireless data transmission function
- 支持自动生成条码，自动打印功能
Support automatic bar code generation, automatic printing function
- 机械误差分段补偿设置和摆角补偿设置，可减少设备机械误差
Mechanical error segmented compensation settings and swing angle compensation settings can reduce equipment mechanical errors
- 支持485,232，通讯接口，USB升级软件
Support 485,232, communication interface, USB upgrade software
- 自动一键测量料高/手动修改料高/无线传输料高
Automatic one-key measurement of material height/manual modification of material height/wireless transmission of material height
- 全铝合金外壳结构设计，抗压性强，适用于自动化设备在恶劣环境适用
All aluminum alloy shell structure design, strong pressure resistance, suitable for automation equipment in harsh environments



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 L is in meters
重复精度 Repeatability accuracy	0.01mm	
测控范围 Measurement and control range	-9999.99-99999.99mm	
显示分辨率 Display resolution	0.01,0.05,0.1,1mm	
输出形式 Output form	晶体管输出 Transistor output	
供电电源 Power supply	DC24V	
后备电源 backup power	锂电池3.7V 1000mAH Lithium battery 3.7V 1000mAH	
整机功耗 Whole machine power consumption	小于5W Less than 5W	无外接输入输出 No external input and output
测控速度 Measurement and control speed	Max 2.5M/s	
适用磁栅尺 Applicable magnetic scale	5mm+5mm	
读头与磁带间距 Spacing between reader and tape	0.5-1.5mm	
外壳材料 Shell material	铝合金 Aluminum alloy	
传感器长度 Sensor length	Max 15米 Max 15 meters	
传感器防护等级 Sensor protection level	IP67	
工作温度 temperature	-10°C~70°C	
储存温度 Storage temperature	-20°C~80°C	



(安装和调试要点，详见产品说明书)

(Installation and commissioning, see product specifications)