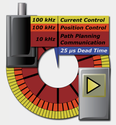
# 纳米级 驱控一体机
NANOSCALE DRIVER

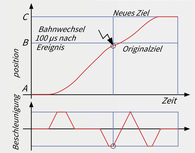
## 100kHz控制
## ——最高精度/最高刚性！




- 主动抑制共振
- 更强的轴刚性
- 最高控制质量/最小跟随误差

## 路径规划
## ——10kHz更新周期

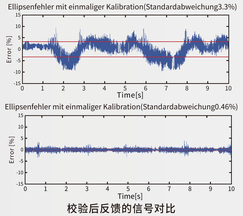
- 可以直接定义jerk时间和jerk值
- 10kHz路径更新周期




路径改变（初始设定从A至B，将目的地修改为C点）

## Sin/cos编码器
## 反馈信号自动校验

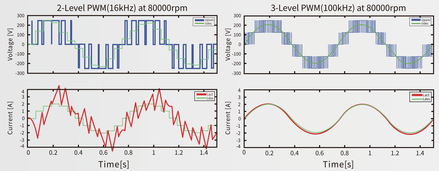
- 降低噪音
- 定位精度更高
- 轴刚性更强
- 补偿温度波动导致的机械偏差




校验后反馈的信号对比

## 3相PWM技术

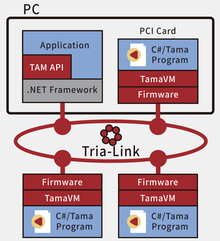
- 降低功率损耗
- 10kHz路径更新周期



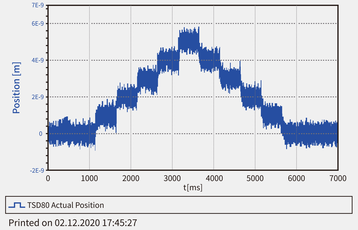

3相PWM技术与传统2相技术参数比较

## 实时编程控制

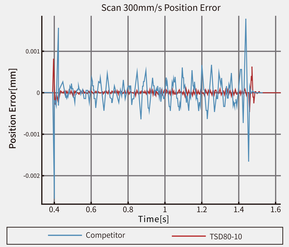
- 10kHz扫描周期
- 驱动器内可开发程序

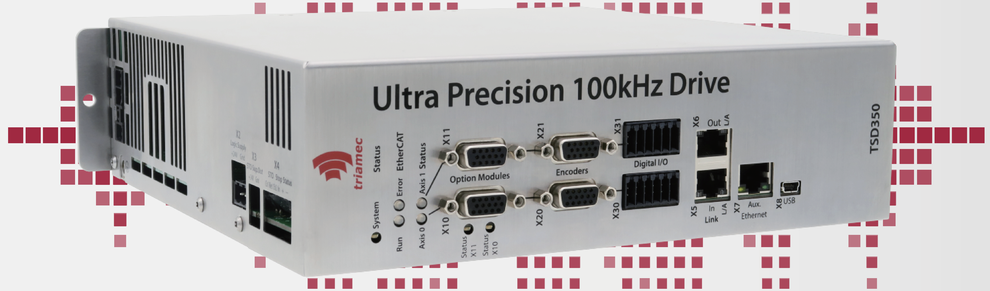



## 真正的纳米步距
## ——最高实现的1σ静止噪音182pm




## 最小位置偏差(3σ)
## ——位置误差以300mm/s移动<<1um

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