

S2030、S2031 电压/电流信号校验仪 Voltage/Current Calibrator

- 集数字式电压、电流输出和电压、电流测量于一体的高精度、高分辨力、多用途的自动化仪表校验仪器

High-precision, high-resolution, multi-purpose automatic and calibration instrument integrating digital voltage, current output and voltage and current measurement

- 主要用于传感器、变送器、调节器、记录仪、显示仪表等各类热工仪表的调试和校验

Mainly used for debugging and calibration of various thermal instruments such as sensors, transmitters, regulators, recorders and display instruments.



产品特点 Product Features

- 高性能数字信号源, 具有良好的长期稳定性 Reliable and high-performance digital signal source
- 普通、阶跃、连续、百分比输出模式 Normal, step, continuous, percentage output mode
- 变送器测量和模拟功能 Transmitter measurement and simulation capabilities
- 内置充电电池, 交/直流供电, 提供现场仪表电源 Built-in rechargeable battery, AC / DC power supply, providing loop power for on-site operation
- 最大值、最小值测量和读数保持功能 (S2031) Maximum and minimum measurement and reading hold function (S2031)
- 输出过载检测、电池欠压指示和自动关机功能 Output overload detection, battery undervoltage indication and automatic shutdown function
- 全功能自我保护, 有效克服误操作 Full-featured self-protection to effectively overcome misuse

主要技术指标 Main Specifications

功能 Functions	S2031	S2031A
输出电压 Voltage output	0 ~ 110.00mV, 0 ~ 11.000V	0 ~ 110.00mV, 0 ~ 11.000V
输出电流 Current output	0 ~ 22.000mA	0 ~ 22.000mA
测量电压 Voltage measurement	0 ~ ±380.00mV, 0 ~ ±38.000V	0 ~ ±380.00mV, 0 ~ ±38.000V
测量电流 Current measurement	0 ~ ±38.000mA	0 ~ ±38.000mA
精度 Accuracy	0.05%读数 of reading	0.02%读数 of reading
阶跃输出 Step output	√	√
连续输出 Continuous output	√	√
百分比输出/测量 Percent output / measurement	√	√
模拟变送器 Analog transmitter	√	√
最大值/最小值测量 Maximum / minimum measurement	√	√
数据保持 Data retention	√	√
现场仪表电源 Loop power	24V±5%, 限流保护 Current limiting protection	
外形尺寸 Dimensions	180×100×40(mm)	
重量 Weight	0.5kg	