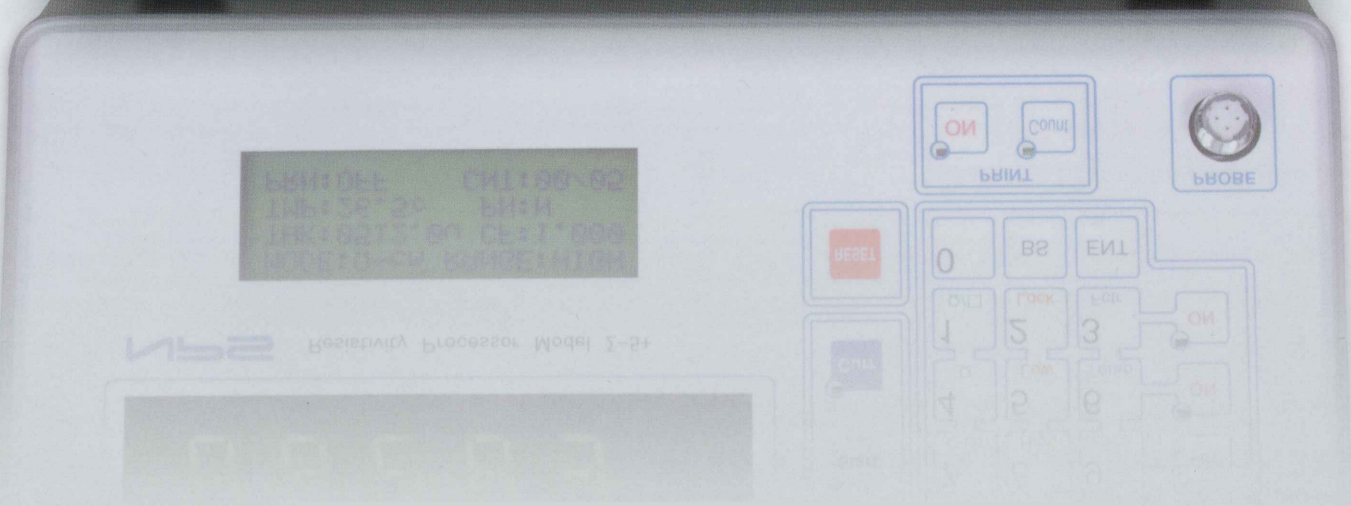
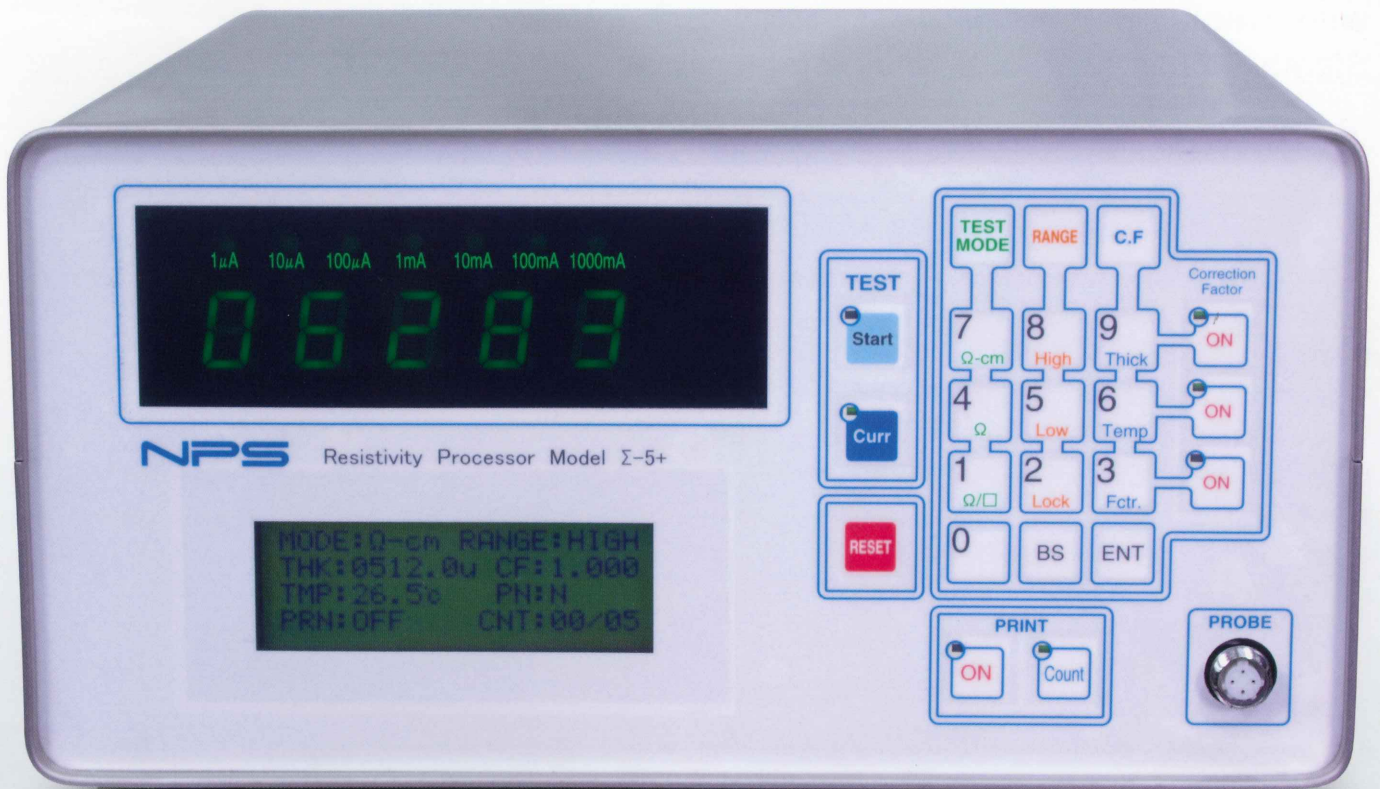


抵抗率測定器 Σ -5+



规格

基本规格

測定方式	直流4探針法
測定時間	約2秒/1回
表示部	LED 5桁
厚み補正範囲	0.1~9999.9 μ m
温度補正	手動設定
コンプライアンス電源	最大50 以上
測定精度	\pm 0.2%
消費電力	70W(AC100V 50/60Hz)
外形寸法	W260xD300xH 140 (mm)
重量	約5kg

印加電流

LOW范围	1000mA~1 μ A
HIGH范围	1 mA~1 NA

電圧検出器

偏压電流	Low=3nA High=30pA Δ T
抵抗率測定	1.0000m -cm~500.00k -cm
V/I測定	1.0000m ~500.00k
薄层电阻測量	1.000m / ~5000.0k /

付属品

电源线、使用说明书

选项

測量台、四探頭探針、打印机、PC 传输软件



▲手动操作台RG-5

Specifications

Basics Specifications

Measuring method	Direct current four-point probe method
Measuring speed	approx. 2.0sec at Auto range
Indication department	LED F-S50000 Five columns
Thickness revision range	0.1~9999.9 μ m
Temperature selection factor	manual setting
Compliance voltage	More than 50V at the maximum
Measurement accuracy	\pm 0.2%
Power Consumption	70W(AC100V 50/60Hz)
Dimensions	W260xD300xH140(mm)
Weight	約5kg

Current Range

LOW Range	1000mA~1 μ A
HiGH Range	1 mA~1 NA

Voltage Detector

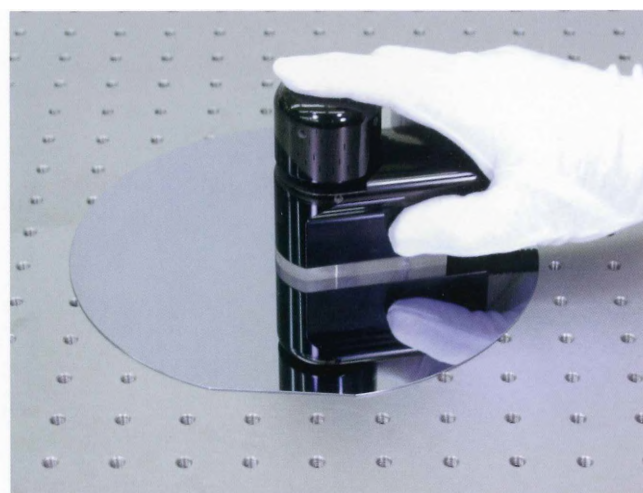
Bias current	Low=3nA High=30pA以下
Resistance	1.0000m -cm~500.00k -cm
Sheet resistance	1.000m / ~5000.0k /

Accessories

Power supply cord、Instruction manual

Options

Manual stage, Four-Point probe, Printer, Software for transfer



▲手持探針HP-01

2-5+抵抗率测定器，利用 20 多年与电阻率测量相关的专业知识和技术、是自行设计开发的高精度电阻率测量仪器。半导体基板、导电薄膜基板等在研发，检验检查工序或制造生产线上的可以高精度地获得和评估薄层电阻值和电阻率值。

Sigma-5+ is a resistivity tester system for high performance with direct current four- point probe for measurement of electrical materials. Especially, regarding the measurement for the materials of semiconductor and conductive thin films, it will give you a great availability to achieve a considerable degree of accuracy of resistivity with simple operations. Sigma-5+ has such outstanding features as follows:

・特長

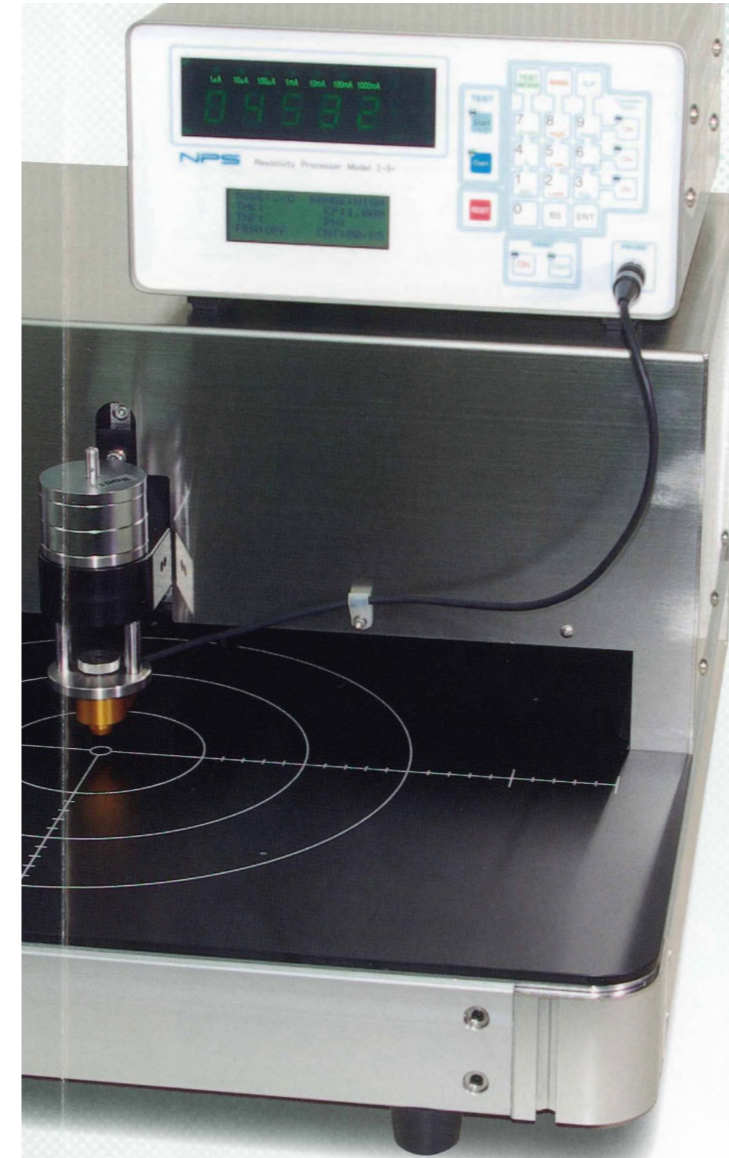
- || 可进行详细设置，带开关功能的智能面板。
- || 书桌大小的紧凑设计
- || 从低电阻到高电阻的宽测量范围
- || 测量因整流引起的误差的电流极性切换
- || 每次测量开始时自动调零功能
- || 自动设置最佳电流的自动量程功能
- || 样品厚度校正功能
- || 测量值平均值显示和打印平均值计算功能
- || 半导体温度补偿功能
- || 多种温度修正系数输入功能
- || 带有打印数据用的界面
- || 带数据传输接口
- || 可选择试样台：RG-5, RG-12, RGE-12

Feature

- || Detailed test available through intelligent control panel
- || Desk-top size design
- || With wide range of measurement
- || AUtOmAtiC exchange of polarity Of electricity
- || AUtomatiC reset- zero adjustment
- || AUtOmAtiC range selection
- || SamPlE thickness AdjUstment
- || Average value output and printout
- || SPeCialUnCtiOn - correction of temperature (for silicon)
- || TemPeratUre input correctionfactor
- || InterfaCe for the data printer
- || InterfaCe for data transfer (RS232C)
- StageS available : RG-5, RG-12, RGE-12



1-5+ & RGE-12



Resistivity Processor MODEL Sigma-5+

抵抗率測定器 -5+



- | | |
|----------------------|---------------------------|
| ① 测试模式设置开关 | Mode Selector Switch |
| ② 测量范围设定开关 | Range Selector Switch |
| ③ 各种校正设置开关 | Various AdjUstment Switch |
| ④ 确认功能开关 | Confirmation Switch |
| ⑤ 打印ON/ OFF · 数字输入开关 | Printer On/Off Switch |
| ⑥ 探头连接器端子 | Probe ConneCtOr |
| ⑦ 主显示面板 | Main Display Panel |
| ⑧ 重置开关 | ReSet Switch |
| ⑨ 子面板 | Sub Panel |