## TECHNICAL PARAMETER

| Signal | Scope | Precision | Resolution | Internal impedance |
|---|---|---|---|---|
| Current (mA) | 0~24 mA | ±(0.02%+0.003) | 0.001mA | 100Ω |
| Voltage (V) | 0~24 V | ±(0.02%+0.003) | 0.001mA | 500K |
| Passive (XMT) | 0~24mA | ±(0.02%+0.003) | 0.001V | 100Ω |
| 24V loop | 0~24mA | ±(0.1%+0.005) | 0.01mA | 100Ω |
| FRQ (Hz) | 0~9999Hz | ±2% | 5 digits | 1MK |
| Millivolt (mV) | -10~100mV | ±(0.03%+0.03) | 0.01mV | 2K |
| Thermocouple (TC-S) | 0~1760℃ | ±(0.2%+1) | 1℃ | 2K |
| Thermocouple (TC-B) | 0~1810℃ | ±(0.5%+1) | 1℃ | 2K |
| Thermocouple (TC-E) | 0~990℃ | ±(0.2%+1) | 1℃ | 2K |
| Thermocouple (TC-K) | 0~1320℃ | ±(0.2%+1) | 1℃ | 2K |
| Thermocouple (TC-R) | 0~1760℃ | ±(0.3%+1) | 1℃ | 2K |
| Thermocouple (TC-J) | 0~1190℃ | ±(0.3%+1) | 1℃ | 2K |
| Thermocouple (TC-T) | 0~390℃ | ±(0.2%+1) | 1℃ | 2K |
| Thermocouple (TC-N) | 0~1290℃ | ±(0.2%+1) | 1℃ | 2K |
| Thermocouple (WRe3/25) | 0~2320℃ | ±(0.2%+1) | 1℃ | 2K |
| Thermocouple (WRe5/26) | 0~2320℃ | ±(0.2%+1) | 1℃ | 2K |
| Resistance (ohm) | 0~390Ω | ±(0.2%+1) | 0.1℃ | / |
| Pt100 | -200~650℃ | ±(0.5%+1) | 0.1℃ | / |
| Cu50 | -20~150℃ | ±(0.5%+1) | 0.1℃ | / |

| Output Signal | |
|---|---|
| Active current | 0~24mA |
| Passive current | 0~24mA |
| Voltage | 0~24V |
| Frequency/ PWM | 0~9999Hz |
| 24V loop | 0~24mA |
| mV/ Thermocouple | —10~110mV |
| Resistance/ Thermal Resistance | 0~390Ω |

| Input Signal | |
|---|---|
| Active current | 0~24mA |
| Voltage | 0~24V |
| Frequency/PWM | 0~9999Hz |
| mV/thermocouple | -10~110mV |
| Resistance/Thermal Resistance | 0~400Ω |

### Extended Function

- Program automatic lift output
- Preset output
- Signal linear conversion output
- Real-time curve
- History record
- Output timing
- USB analog serial communication
- USB Emulated U Disk Firmware Upgrade

RUN
SG-004A
COM OUT IN-/24V IN+
Signal PORT
T:00:09:30 25°C
Current Input :
00.007
Range:
-0024.9
Current Output :
00.000 mA
Range: 0000.0
00:00:00/00:01:00
OFF
IN
OUT
FN
RCVK
AUTO
ON/OFF
CURVE
CONVRET
FNIRSI

**Compre -hensive**

**Long Standby**

**Mega -precision**

**Portable &Handheld**

# SIGNAL GENERATOR

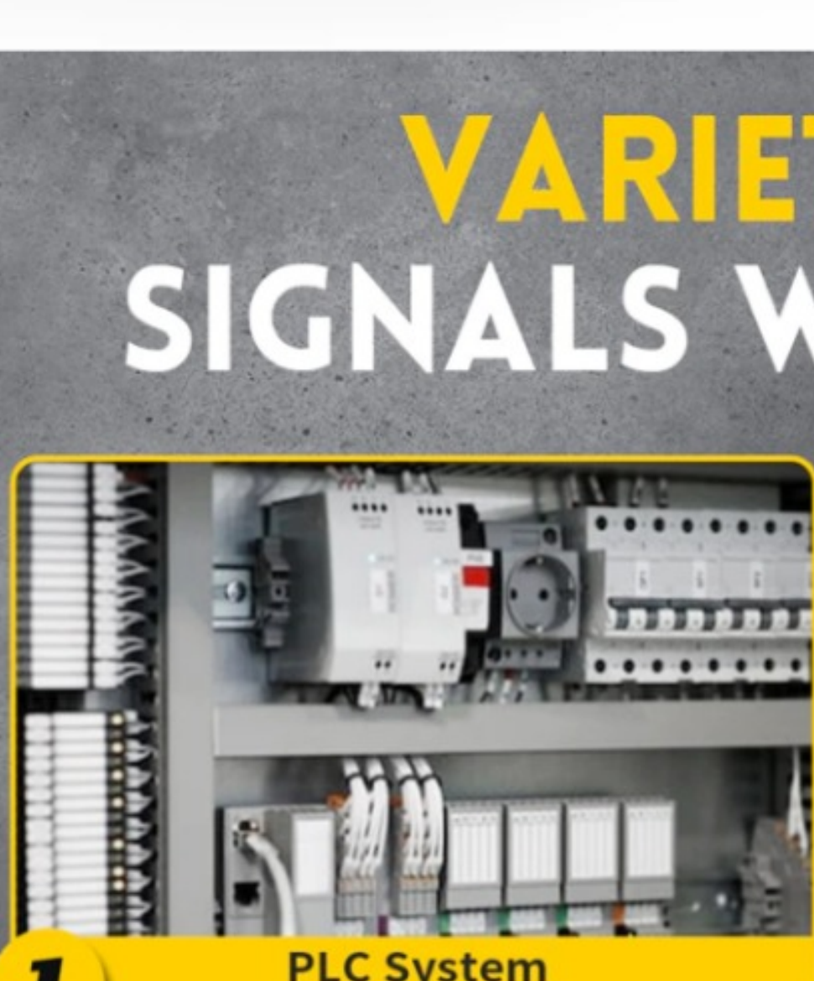
0-24V /4-20mA

# SIGNAL GENERATOR

0-24V /4-20mA

- Voltage and current signal
- Thermal Resistance Measurement
- Thermocouple Measurement
- Programming Output

# VARIETY OF SIGNALS WITH YOU


1 PLC System Debugging

2 DCS System Debugging Simulation

3 Valve Positioner Adjustment

4 Instrumentation Calibration

5 Inverter Detection

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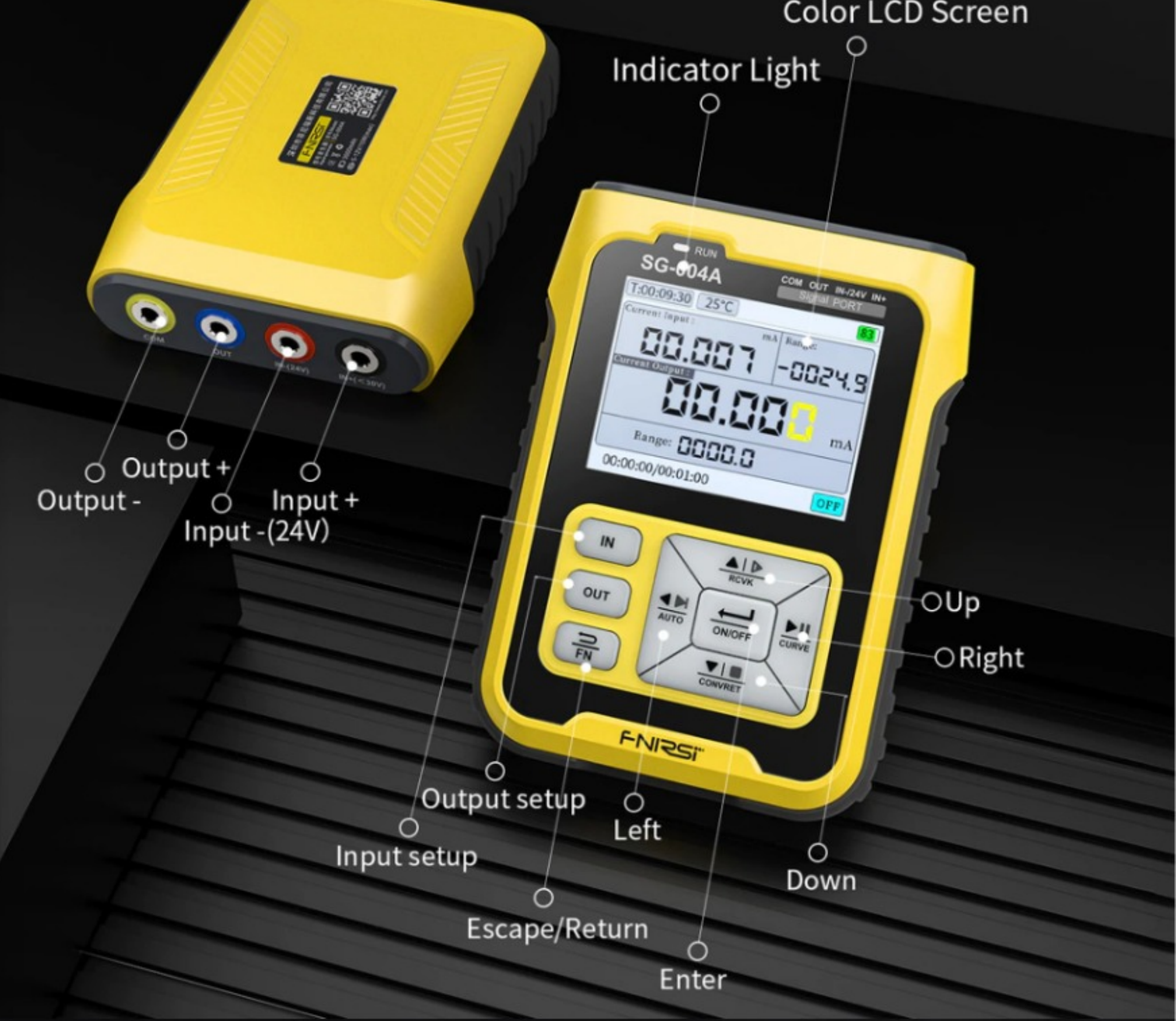
# VARIOUS SIGNALS WITH YOU

- DC Voltage, Current
- Analog Source
- Thermocouple Signal
- RTD Signal
- 24V Power Distribution Output
- Program Output

# MINI SIZE EASY TO CARRY

**SIZE** 112*77*21MM | **WEIGHT** 66G

# BUTTONS & INTERFACES


2.4 Inch TFT Full Color LCD Screen
Indicator Light
Output -
Output +
Input +
Input -(24V)
Up
Right
Output setup
Input setup
Left
Down
Escape/Return
Enter

# REAL-TIME CURVE RECORD VIEW

Curve Display

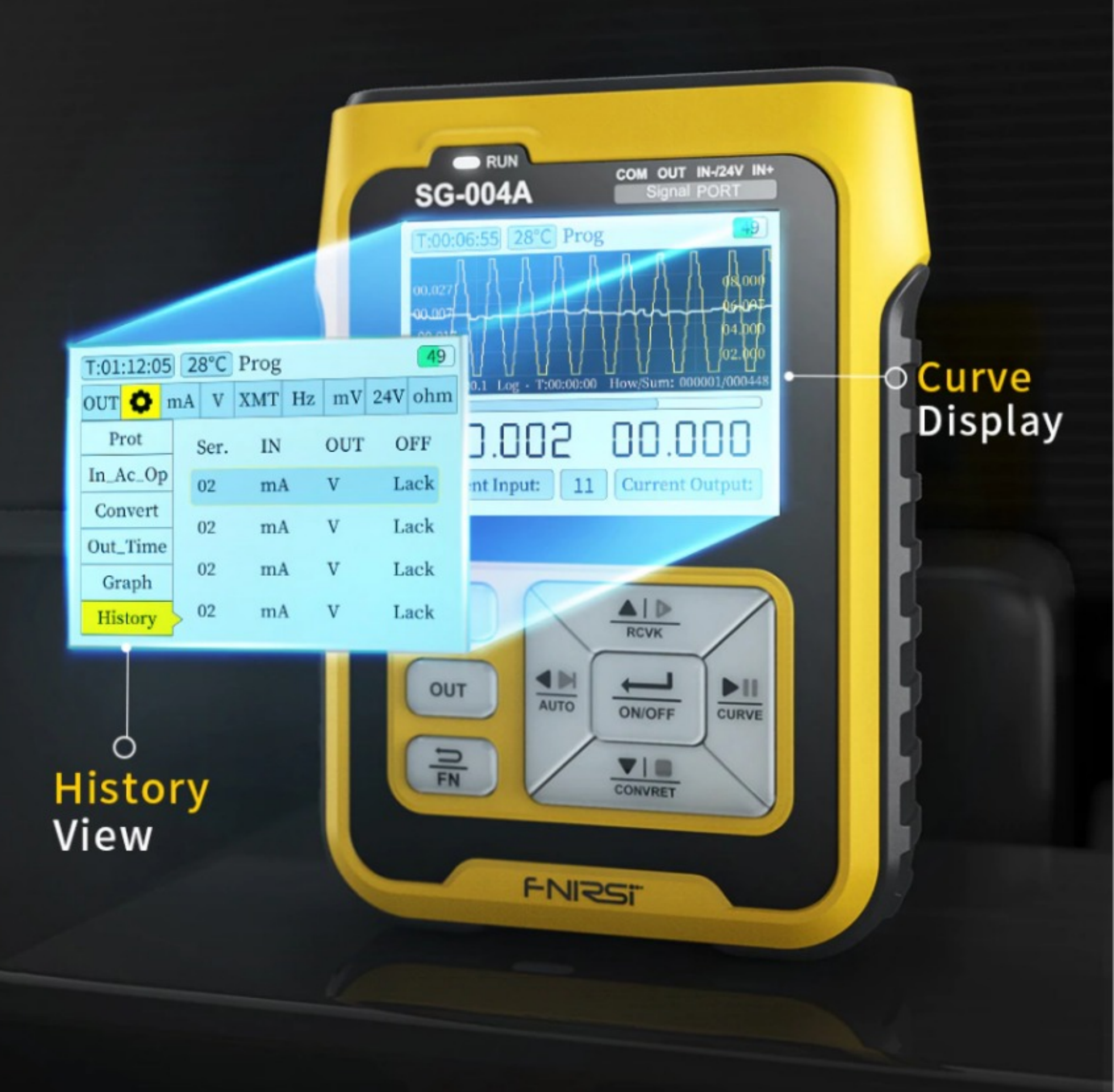
/ UP TO 100,000 OR 15 SETS OF DATA CAN BE RECORDED /

# HIGH PRECISIONTESTING

/ The accuracy of each project is measured and shot /

mA input

mA output


T:01:12:05 28°C Prog
OUT
mA V XMT Hz mV 24V ohm
Prot
In_Ac_Op
Convert
Out_Time
Graph
History
Ser. IN OUT OFF
02 mA V Lack
02 mA V Lack
02 mA V Lack
02 mA V Lack
History View
Curve Display

# TFT FULL-COLOR LCD DISPLAY BACKLIGHT ADJUSTABLE

2.4-INCH DISPLAY
TRANSLUCENT BUTTON

NOTE:Different Modes~Different Colors