Command (VC MFK-2000)

1. *IDN?

Command Syntax：

*IDN?

Indication： Read the calibrator's identification string.

Before communicating with the calibrator, it is necessary to manually turn on the communication function in the calibrator setting interface. The baud rate of serial port is 115200bps. All instructions sent shall be marked with the end of carriage return. Instructions are not case sensitive. It will not be explained below.

2. BEEP

This command is used to control the buzzer of the calibrator and is not controlled by the buzzer switch under the system setting interface.

Command Syntax：

BEEP   100

Indication： Keep the buzzer buzzing for 100ms. The acceptable parameters of this instruction are integers between 0 and 1500.

Command Syntax：

BEEP   100,6

Indication： Keep the buzzer buzzing for 100ms, 6 times, with an interval of 100ms.

Command Syntax：

SYST:BEEP?

Indication： Query the buzzer status of the calibrator

3. SYST

These instructions are used to set system parameters. It is equivalent to the operation of calibrator setting interface.

3.1 [:STAT]

Command Syntax：

SYST:STAT?

Indication： Query whether the calibrator is in working state or system state. In working state (measurement / output interface), return "WORK"; In system status (system setting interface), return "SYSTEM".

Command Syntax：

SYST:STAT   WORK

Indication： If the calibrator is in the system state (system setting interface), send this command to switch the system state to the working state (measurement / output interface). Equivalent to key ESC and command SYST: ESC.

Command Syntax：

SYST:STAT   SYSTEM

Indication： If the calibrator is in working state (measurement / output interface), send this command to switch the system state to system state (system setting interface).

3.2 :APO

Command Syntax：

SYST:APO   20

Indication： Set the automatic shutdown time of the calibrator to 20 minutes. The acceptable parameters of this Directive are integers between 0~60. When the parameter is 0, which means that the calibrator is not allowed to shut down automatically.

Command Syntax：

SYST:APO?

Indication： Query the automatic shutdown time.

3.3 :BRIG

Command Syntax：

SYST:BRIG   20

Indication： Set the calibrator screen brightness to 20%. The acceptable parameters of this instruction are integers between 10 and 100.

Command Syntax：

SYST:BRIG?

Indication： Query the calibrator screen brightness.

3.4 :UNIT

Command Syntax：

SYST:UNIT ℃

Indication： Set the temperature unit as ℃. The acceptable parameters of this command are: ℃ or ℉.

Command Syntax：

SYST:UNIT?

Indication： Query the temperature unit of the calibrator.

3.5 :BEEP

Command Syntax：

SYST:BEEP   ON

Indication： Set the buzzer ON or OFF. The acceptable parameters of this command are: ON or OFF.

Command Syntax：

SYST:BEEP?

Indication： Query the buzzer status of the calibrator.

3.6 :ESC

Command Syntax：

SYST:ESC

Indication：The function is the same as the ESC key of the calibrator. In the system setting interface, send this command to exit the setting interface; Under the ramp output function, can exit the ramp output, etc.

4. FUNC

This command is used to query the function of the calibrator. All measurement functions and output functions

Command Syntax：

FUNC?

Indication：Query the function of the calibrator.Under the measurement function, return the format, such as "0, VIN"，Where 0 represents measurement function；Under the output function, return the format, such as "1, VIN"，Where 1 represents output function；In the system setting interface, the return format is "2, VIN", where 2 represents the function is the system setting interface, and VIN represents the voltage measurement function before entering the system setting interface.

5. READ

This command is used to read the measured value of the measurement function. Applicable to millivolt measurement, voltage measurement, two / three / four wire resistance measurement, on-off measurement, thermocouple measurement and two / three / four wire thermal resistance measurement.

Command Syntax：READ?

5.1 :MILL

This command is used to read the measured value of the millivolt measurement function. Using this command, the calibrator must be in the millivolt measurement function, otherwise the command will report an error.

Command Syntax：

READ:MILL?

READ:MILLivolt?

Indication：It is recommended to use command READ?.

5.2 :VOLT

This command is used to read the measured value of the volt measurement function. Using this command, the calibrator must be in the volt measurement function, otherwise the command will report an error.

Command Syntax：

READ:VOLT?

READ:VOLTtage?

Indication：It is recommended to use command READ? .

5.3 :RES

This command is used to read the measured value of the two-wire resistance measurement function. Using this command, the calibrator must be in the function of two-wire resistance measurement, otherwise the command will report an error.

Command Syntax：

READ:RES?

READ:RESistance?

Indication：It is recommended to use command READ?.

5.4 :TRES

This command is used to read the measured value of the three-wire resistance measurement function. Using this command, the calibrator must be in the function of three-wire resistance measurement, otherwise the command will report an error.

Command Syntax：
READ:TRES?
READ:TRESistance?
Indication：It is recommended to use command READ?.

5.5 :FRES

This command is used to read the measured value of the four-wire resistance measurement function. Using this command, the calibrator must be in the function of four-wire resistance measurement, otherwise the command will report an error.

Command Syntax：
READ:FRES?
READ:FRESistance?
Indication：It is recommended to use command READ?.

5.6 :CONT

This command is used to read the measured value of the On-off measurement function. Using this command, the calibrator must be in the function of On-off measurement, otherwise the command will report an error.

Command Syntax：
READ:CONT?
Indication：It is recommended to use command READ?.

5.7 :TC

This command is used to read the measured value of the TC measurement function. Using this command, the calibrator must be in the function of TC measurement, otherwise the command will report an error.

Command Syntax：
READ:TC?
READ:TCouple?
Indication：It is recommended to use command READ?.

5.8 :RTD

This command is used to read the measured value of the two-wire RTD measurement function. Using this command, the calibrator must be in the function of two-wire RTD measurement, otherwise the command will report an error.

Command Syntax：
READ:RTD?
Indication：It is recommended to use command READ?.

5.9 :TRTD

This command is used to read the temperature value of the three wire thermal resistance measurement function. Using this command, the calibrator must be in the three wire thermal resistance measurement function, otherwise the command will report an error.

Command Syntax：

READ:TRTD?

Indication： It is recommended to use command READ?.

5.10 :FRTD

This command is used to read the temperature value of the four wire thermal resistance measurement function. Using this command, the calibrator must be in the four wire thermal resistance measurement function, otherwise the command will report an error.

Command Syntax：

READ:FRTD?

Indication： It is recommended to use command READ?.

6. CONF

These instructions are used to control the measuring functions of the calibrator. Applicable to millivolt measurement, voltage measurement, two / three / four wire resistance measurement, on-off measurement, thermocouple measurement and two / three / four wire thermal resistance measurement.

Command Syntax：

CONF?

Indication： Query the measurement function. If the calibrator's function is not a measurement function, the instruction will report an error.

6.1 :MILL

Command Syntax：

CONF:MILL

Indication： Set the calibrator function to millivolt measurement function.

Command Syntax：

CONF:MILL?

Indication： Query the measurement function. If the current function is not millivolt measurement, the command will report an error.

6.2 :VOLT

Command Syntax：

CONF:VOLT

Indication： Switch the calibrator function to volt measurement function.

Command Syntax：

CONF:VOLT?

Indication：Query the measurement function. If the current function is not volt measurement, the command will report an error.

6.3 :RES

Command Syntax：
CONF:RES
Indication：Switch the calibrator function to two wire resistance measurement function.

Command Syntax：
CONF:RES?
Indication：Query the measurement function. If the current function is not two wire resistance measurement, the command will report an error.

6.4 :TRES

Command Syntax：
CONF:TRES
Indication：Switch the calibrator function to three wire resistance measurement function.

Command Syntax：
CONF:TRES?
Indication：Query the measurement function. If the current function is not three wire resistance measurement, the command will report an error.

6.5 :FRES

Command Syntax：
CONF:FRES
Indication：Switch the calibrator function to four wire resistance measurement function.

Command Syntax：
CONF:FRES?
Indication：Query the measurement function. If the current function is not four wire resistance measurement, the command will report an error.

6.6 :CONT

Command Syntax：
CONF:CONT
Indication：Switch the calibrator function to on-off measurement function.

Command Syntax：
CONF:CONT?
Indication：Query the measurement function. If the current function is not on-off measurement, the command will report an error.

6.7 :TC

Command Syntax：

CONF:TC

Indication：Switch the calibrator function to TC measurement function.

Command Syntax：

CONF:TC?

Indication：Query the graduation number of TC measurement function.If the current function is not TC measurement, the command will report an error.

6.7.1 [:TYPE]

Command Syntax：

CONF:TC:TYPE   S

Indication：Set the calibrator function to TC measurement function, and set the graduation number as S.The acceptable parameters for this instruction are：R、S、K、E、J、T、N、B、L、U.

Command Syntax：

CONF:TC:TYPE?

Indication：Query the graduation number of TC measurement function.If the current function is not TC measurement, the command will report an error.

6.7.2 :VAL

Command Syntax：

CONF:TC:VAL?

Indication：Query the temperature value of TC measurement function.If the current function is not TC measurement, the command will report an error.

6.7.2.1 [:TEMP]

Command Syntax：

CONF:TC:VAL:TEMP?

Indication：Query the temperature value of TC measurement function.If the current function is not TC measurement, the command will report an error.

6.7.2.2 :COLD

Command Syntax：

CONF:TC:VAL:COLD   0

Indication：Set the cold-junction   value of TC measurement function to 0. °C or °f，The details shall be subject to the current unit of the system. After the command is sent, the cold-junction of TC is switched to manual. To exit manual ,can use command SYST:ESC or CONF:TC:VAL:COLD AUTO.

Command Syntax：

CONF:TC:VAL:COLD   AUTO

Indication：Set the cold-junction mode of TC measurement function to automatic.

Command Syntax：

CONF:TC:VAL:COLD?

Indication：Query the cold-junction temperature value.

6.7.2.3 :VOLT

Command Syntax：

CONF:TC:VAL:VOLT?

Indication：Query the millivolt value corresponding to the temperature value of the TC measurement function.

6.7.3 :UNIT

Command Syntax：

CONF:TC:UNIT   ℃

Indication：Set the unit of TC measurement function as ℃. The acceptable parameters of this command are: ℃ or ℉.

Command Syntax：

CONF:TC:UNIT?

Indication：Query the temperature unit of TC measurement function.

6.8 :RTD

Command Syntax：

CONF:RTD

Indication：Set the calibrator function to thermal resistance measurement function (two-wire measurement mode).

Command Syntax：

CONF:RTD?

Indication：Query the graduation number of the current thermal resistance measurement function. If the function is not thermal resistance measurement, the command will report an error.

6.8.1 [:TYPE]

Command Syntax：

CONF:RTD:TYPE   Pt100

Indication：Set the calibrator function to thermal resistance measurement function (two-wire measurement mode)，and the graduation number is set to PT100. The acceptable parameters for this command are：Pt100、Pt200、Pt500、Pt1000、Cu10、Cu50、Cu100、Pt100-392、Pt100-JIS、Ni120.

Command Syntax：

CONF:RTD:TYPE?

Indication：Query the graduation number of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (two-wire measurement mode), the command will report an error.

6.8.2 :VAL

Command Syntax：

CONF:RTD:VAL?

Indication：Query the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (two-wire measurement mode), the command will report an error.

6.8.2.1 [:TEMP]

Command Syntax：

CONF:RTD:VAL:TEMP?

Indication： Query the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (two-wire measurement mode), the command will report an error.

6.8.2.2 :RES

Command Syntax：

CONF:RTD:VAL:RES?

Indication： Query the resistance value corresponding to the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (two-wire measurement mode), the command will report an error.

6.8.3 :UNIT

Command Syntax：

CONF:RTD:UNIT   ℃

Indication： Set the unit of thermal resistance measurement function as ℃. The acceptable parameters for this command are：℃ or ℉.

Command Syntax：

CONF:RTD:UNIT?

Indication： Query the temperature unit of thermal resistance measurement function (two-wire measurement mode).

6.9 :TRTD

Command Syntax：

CONF:TRTD

Indication： Set the calibrator function to thermal resistance measurement function (three-wire measurement mode).

Command Syntax：

CONF:TRTD?

Indication： Query the graduation number of the current thermal resistance measurement function. If the function is not thermal resistance measurement, the command will report an error.

6.9.1 [:TYPE]

Command Syntax：

CONF:TRTD:TYPE   Pt100

Indication： Set the calibrator function to thermal resistance measurement function (three-wire measurement mode)，and the graduation number is set to PT100. The acceptable parameters for this command are：Pt100、Pt200、Pt500、Pt1000、Cu10、Cu50、Cu100、Pt100-392、Pt100-JIS、Ni120.

Command Syntax：

CONF:TRTD:TYPE?

Indication： Query the graduation number of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (three-wire measurement mode), the command will report an error.

6.9.2 :VAL

Command Syntax：

CONF:TRTD:VAL?

Indication： Query the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (three-wire measurement mode), the command will report an error.

6.9.2.1 [:TEMP]

Command Syntax：

CONF:TRTD:VAL:TEMP?

Indication： Query the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (three-wire measurement mode), the command will report an error.

6.9.2.2 :RES

Command Syntax：

CONF:TRTD:VAL:RES?

Indication： Query the resistance value corresponding to the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (three-wire measurement mode), the command will report an error.

6.9.3 :UNIT

Command Syntax：

CONF:TRTD:UNIT　　　℃

Indication： Set the unit of thermal resistance measurement function as ℃. The acceptable parameters for this command are：℃ or ℉.

Command Syntax：

CONF:TRTD:UNIT?

Indication： Query the temperature unit of thermal resistance measurement function (three-wire measurement mode).

6.10 :FRTD

Command Syntax：

CONF:FRTD

Indication： Set the calibrator function to thermal resistance measurement function (four-wire measurement mode).

Command Syntax：

CONF:FRTD?

Indication： Query the graduation number of the current thermal resistance measurement function. If the function is not thermal resistance measurement, the command will report an error.

6.10.1 [:TYPE]

Command Syntax：

CONF:FRTD:TYPE　　　Pt100

Indication： Set the calibrator function to thermal resistance measurement function (four-wire measurement mode)，and the graduation number is set to PT100. The acceptable parameters for this command are：Pt100、Pt200、Pt500、Pt1000、Cu10、Cu50、Cu100、Pt100-392、Pt100-JIS、Ni120.

Command Syntax：

CONF:FRTD:TYPE?

Indication： Query the graduation number of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (four-wire measurement mode), the command will report an error.

6.10.2 :VAL

Command Syntax：

CONF:FRTD:VAL?

Indication： Query the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (four-wire measurement mode), the command will report an error.

6.10.2.1 [:TEMP]

Command Syntax：

CONF:FRTD:VAL:TEMP?

Indication： Query the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (four-wire measurement mode), the command will report an error.

6.10.2.2 :RES

Command Syntax：

CONF:FRTD:VAL:RES?

Indication： Query the resistance value corresponding to the temperature value of the current thermal resistance measurement function. If the current function is not thermal resistance measurement (four-wire measurement mode), the command will report an error.

6.10.3 :UNIT

Command Syntax：

CONF:FRTD:UNIT　　　℃

Indication： Set the unit of thermal resistance measurement function as ℃. The acceptable parameters for this command are：℃ or ℉.

Command Syntax：

CONF:FRTD:UNIT?

Indication： Query the temperature unit of thermal resistance measurement function (four-wire measurement mode).

7. SOUR

These instructions are used to control the output functions of the calibrator. Suitable for millivolt output, voltage output, resistance output, thermocouple output and thermal resistance output.

Command Syntax：

SOUR?

Indication： If the current function is an output function, the command returns the current function name Otherwise, an error will be reported.

7.1 [:MILL]

Command Syntax：

SOUR:MILL

Indication：Set the calibrator function to millivolt output function.

Command Syntax：
SOUR:MILL 12
Indication：Set the millivolt output value is 12mV.

Command Syntax：
SOUR:MILL?
Indication：Query the output value of the millivolt output.

7.1.1 :RANG

Command Syntax：
SOUR:MILL:RANG?
Indication：Query the current range of millivolt output function.

Command Syntax：
SOUR:MILL:RANG   RANGE1
Indication：Set the range of the millivolt output function to the second range The acceptable parameters of this instruction are: Range0 and range1 There must be at least one space between the instruction and the parameter.

7.2 :VOLT

Command Syntax：
SOUR:VOLT
Indication：Set the calibrator function to volt output function.

Command Syntax：
SOUR:VOLT 10
Indication：Set the voltage output value to 10V The parameter of this instruction cannot be greater than 11.

Command Syntax：
SOUR:VOLT?
Indication：Query the current range of volt output function.

7.3 :RES

Command Syntax：
SOUR:RES
Indication：Set the calibrator function to resistance output function.

Command Syntax：
SOUR:RES 10
Indication：Set the resistance output value to 10 Ω The parameter of this instruction cannot be greater than the maximum value of this function.

Command Syntax：
SOUR:RES?

Indication：Query the output value of resistance output function.

7.3.1 :RANG

Command Syntax：

SOUR:RES:RANG?

Indication：Query the current range of resistance output function.

Command Syntax：

SOUR:RES:RANG　　RANGE1

Indication：Set the range of the resistance output function to the second range The acceptable parameters of this instruction are: Range0 and range1 There must be at least one space between the instruction and the parameter.

7.4 :TC

Command Syntax：

SOUR:TC

Indication：Set the calibrator function to TC output function.

Command Syntax：

SOUR:TC　　S

Indication：Set the graduation of TC output function as S. The acceptable parameters of this command are：R、S、K、E、J、T、N、B、L、U.

Command Syntax：

SOUR:TC?

Indication：Query the graduation number of TC output function.

7.4.1 [:TYPE]

Command Syntax：

SOUR:TC:TYPE　　S

Indication：Set the graduation of TC output function as S. the acceptable parameters of this command are：R、S、K、E、J、T、N、B、L、U.

Command Syntax：

SOUR:TC:TYPE?

Indication：Query the graduation number of TC output function.

7.4.2 :VAL

Command Syntax：

SOUR:TC:VAL　　100

Indication：Set the output value of TC output function to 100 The unit is °C or °F, which shall be subject to the current unit of the system.

Command Syntax：

SOUR:TC:VAL?

Indication：Query the output temperature value of TC output function.

7.4.2.1 [:TEMP]

Command Syntax：

SOUR:TC:VAL:TEMP　　100

Indication： Set the output value of TC output function to 100 The unit is °C or °F, which shall be subject to the current unit of the system.

Command Syntax：

SOUR:TC:VAL:TEMP?

Indication： Query the output temperature value of TC output function.

7.4.2.2 :COLD

Command Syntax：

SOUR:TC:VAL:COLD　　　0

Indication： Set the cold-junction temperature value of TC output function to 0 .The unit is °C or °F, which is subject to the current unit of the system.After the command is sent, the cold-junction of TC is switched to manual. To exit manual mode can use command SYST:ESC or SOUR:TC:VAL:COLD AUTO.

Command Syntax：

SOUR:TC:VAL:COLD　　　AUTO

Indication： Set the cold-junction of TC output function to automatic.

Command Syntax：

SOUR:TC:VAL:COLD?

Indication： Query the cold-junction value of TC output function.

7.4.2.3 :VOLT

Command Syntax：

SOUR:TC:VAL:VOLT?

Indication： Query the millivolt value corresponding to the output temperature value of the TC output function.

7.4.3 :UNIT

Command Syntax：

SOUR:TC:UNIT　　　℃

Indication： Set TC output function in ℃ The acceptable parameters of this command are: ℃ or ℉.

Command Syntax：

SOUR:TC:UNIT?

Indication： Query the TC unit of thermocouple output function.

7.5 :RTD

Command Syntax：

SOUR:RTD

Indication： Set the calibrator to thermal resistance output function.

Command Syntax：

SOUR:RTD　　　Pt200

Indication：Set the graduation number of RTD output function to pt200 The acceptable parameters for this instruction are：Pt100、Pt200、Pt500、Pt1000、Cu10、Cu50、Cu100、Pt100-392、Pt100-JIS、Ni120.

Command Syntax：
SOUR:RTD?
Indication：Query the graduation number of the RTD output function.

7.5.1 [:TYPE]

Command Syntax：
SOUR:RTD:TYPE   Pt200
Indication：Set the graduation number of RTD output function to pt200 The acceptable parameters for this instruction are：Pt100、Pt200、Pt500、Pt1000、Cu10、Cu50、Cu100、Pt100-392、Pt100-JIS、Ni120.

Command Syntax：
SOUR:RTD:TYPE?
Indication：Query the graduation number of the RTD output function

7.5.2 :VAL

Command Syntax：
SOUR:RTD:VAL   100
Indication：Set the output value of RTD output function to 100 The unit is °C or °F, which shall be subject to the current unit of the system.

Command Syntax：
SOUR:RTD:VAL?
Indication：Query the output temperature value of RTD output function.

7.5.2.1 [:TEMP]

Command Syntax：
SOUR:RTD:VAL:TEMP   100
Indication：Set the output value of RTD output function to 100 The unit is °C or °F, which shall be subject to the current unit of the system.

Command Syntax：
SOUR:RTD:VAL:TEMP?
Indication：Query the output temperature value of RTD output function.

7.5.2.2 :RES

Command Syntax：
SOUR:RTD:VAL:RES?
Indication：Query the resistance value corresponding to the output temperature value of RTD resistance output function.

7.5.3 UNIT

Command Syntax：
SOUR:RTD:UNIT   ℃

Indication：The unit for setting the output function of thermal resistance is ℃ The acceptable parameters of this command are：℃ or ℉.

Command Syntax：
SOUR:RTD:UNIT?
Indication：Query the temperature unit of RTD output function.

7.6 :PERCENT

Command Syntax：
SOUR:PERCENT
Indication：Set the output value to 100% of the current range.

Command Syntax：
SOUR:PERCENT?
Indication：Query the 100% value of the current range.

7.6.1 [:MAX]

Command Syntax：
SOUR:PERCENT:MAX
Indication：Set the output value to 100% of the current range.

Command Syntax：
SOUR:PERCENT:MAX?
Indication：Query the 100% value of the current range.

7.6.1.1 :VAL

Command Syntax：
SOUR:PERCENT:MAX:VAL   8
Indication：Set the value of 100% of the current range of the current output function to 8 (the unit is the unit of the current output function) The parameter value carried by the command cannot be greater than the maximum value and less than the minimum value of the current range (graduation) of the current output function, and the parameter value cannot be less than 0% of the current range (graduation).

Command Syntax：
SOUR:PERCENT:MAX:VAL?
Indication：Query the 100% value of the current range.

7.6.2 :MIN

Command Syntax：
SOUR:PERCENT:MIN
Indication：Set the output value to 0% of the current range.

Command Syntax：
SOUR:PERCENT:MIN?
Indication：Query the 0% value of the current range.

7.6.2.1 :VAL

Command Syntax：

SOUR:PERCENT:MIN:VAL   8

Indication： Set the 0% value of the current range of the current output function to 8 (the unit is the unit of the current output function) The parameter value carried by the command shall not be less than the minimum value and greater than the maximum value of the current range (graduation) of the current output function, and the parameter value shall not be greater than 100% of the current range (graduation)

Command Syntax：

SOUR:PERCENT:MIN:VAL?

Indication： Query the 0% value of the current range.

7.6.3 :INC

Command Syntax：

SOUR:PERCENT:INC

Indication： Increase the current output value by 25% of the current range (graduation) of the current output function. The 25% value depends on the 100% value and the 0% value The output value cannot be greater than 100%.

7.6.4 :DEC

Command Syntax：

SOUR:PERCENT:DEC

Indication： Reduce the current output value by 25% of the current range (graduation) of the current output function. The 25% value depends on the 100% value and the 0% value The output value cannot be less than 0%.

7.7 :RAMP

Command Syntax：

SOUR:RAMP   SINGLE

Indication： Under the output function, set the ramp output mode to single ramp The acceptable parameters of the instruction are: single, double and step, which correspond to three functional modes: single slope, double slope and step To exit the ramp output, use the SYST: ESC command If the output function prompts overload and other alarm information, the command will report an error.

Command Syntax：

SOUR:RAMP?

Indication： Query the current ramp output mode.

7.8 :STAT

Command Syntax：

SOUR:STAT?

Indication： Check whether the current output function is overloaded If the current output function is overloaded, "load" is returned, and if it is not overloaded, "normal" is returned.