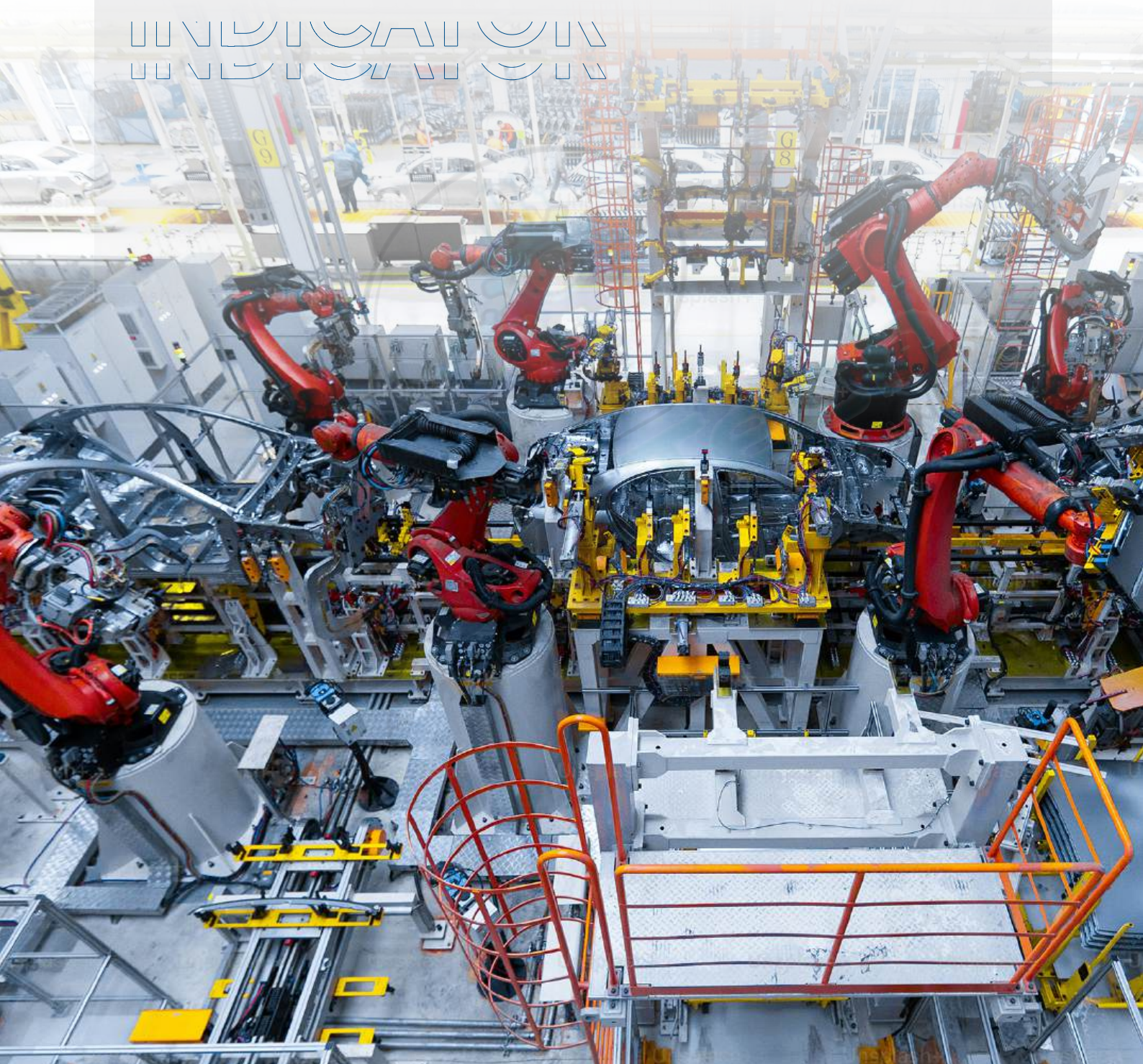
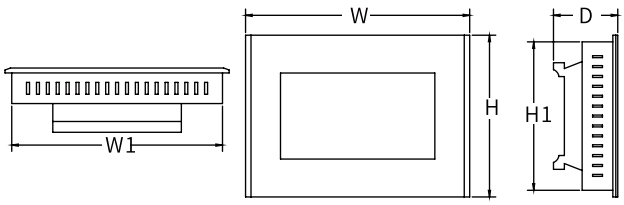
14 INDICATOR



D740 Touch Screen Indicator



D740-1 Single channel



Outline Dimension	Disk Size	Box Size	Disk Opening Size
WxHxD	WxH	W1xH1	W2xH2
203x149x54	203x149	190x136	192x138

Unit: mm

Customizable multi-channel interface



D740-2 Binary channels



D740-4 four channels



Custom 9 channels or 16 channels

Product Reviews

Characteristic

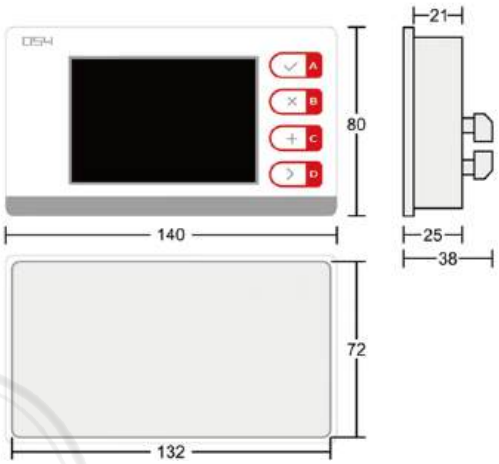
It can sample the force value of four sensors at the same time, respectively for upper and lower limit, interval alarm, overload alarm.
No weight calibration, simply input sensor parameters to complete calibration.
Multiple start stop mode options, including threshold threshold, on threshold, threshold delay, and more.
When four channels are sampled simultaneously, the sampling rate can reach 1600Hz.
Zero position tracking, creep tracking and other functions ensure system stability.
Peak valley value storage, data can be exported by connecting to a USB drive.
Rich communication interfaces, equipped with Modbus RTU protocol based on RS485 and CANopen communication protocol based on CAN.

Parameters Table			
Power supply	DC 24V	Number of channels	7 signal inputs, 16 transistor outputs (NPN)
Single channel sampling rate	Up to 12800Hz		
Use environment	-20 ℃ to 50 ℃	processor	Cortex-A8
Display division	-99999 to 999999	Dominant frequency	600MHz
Temperature drift	＜ 20ppm	Internal memory	128M
EMC protection class	Level 4	Storage space	128M

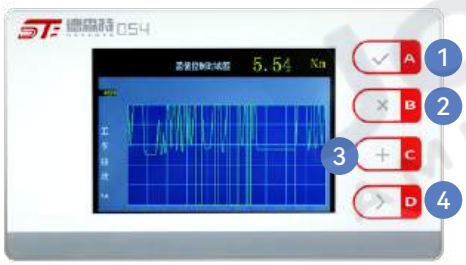
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DY054 Indicator

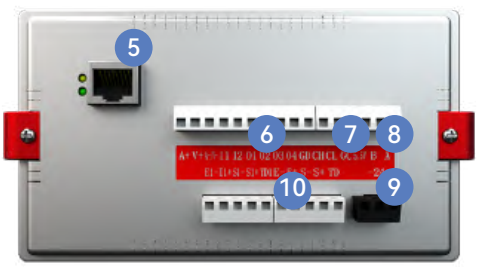




- Interface test
- CAN interface canopen protocol
- Manual clearing
- RS485 Modbus-RTU protocol
- Key detection
- Comparison of upper and lower limits
- The key locks automatically
- Multiple trigger modes Peak valley value capture
- 15 point nonlinear correction
- Supports Mobdus-TCP over Ethernet ports
- Automatic power-on clear
- High speed communication at 9000Hz/s
- Automatic zero tracking
- Displays real-time/historical/ working curves



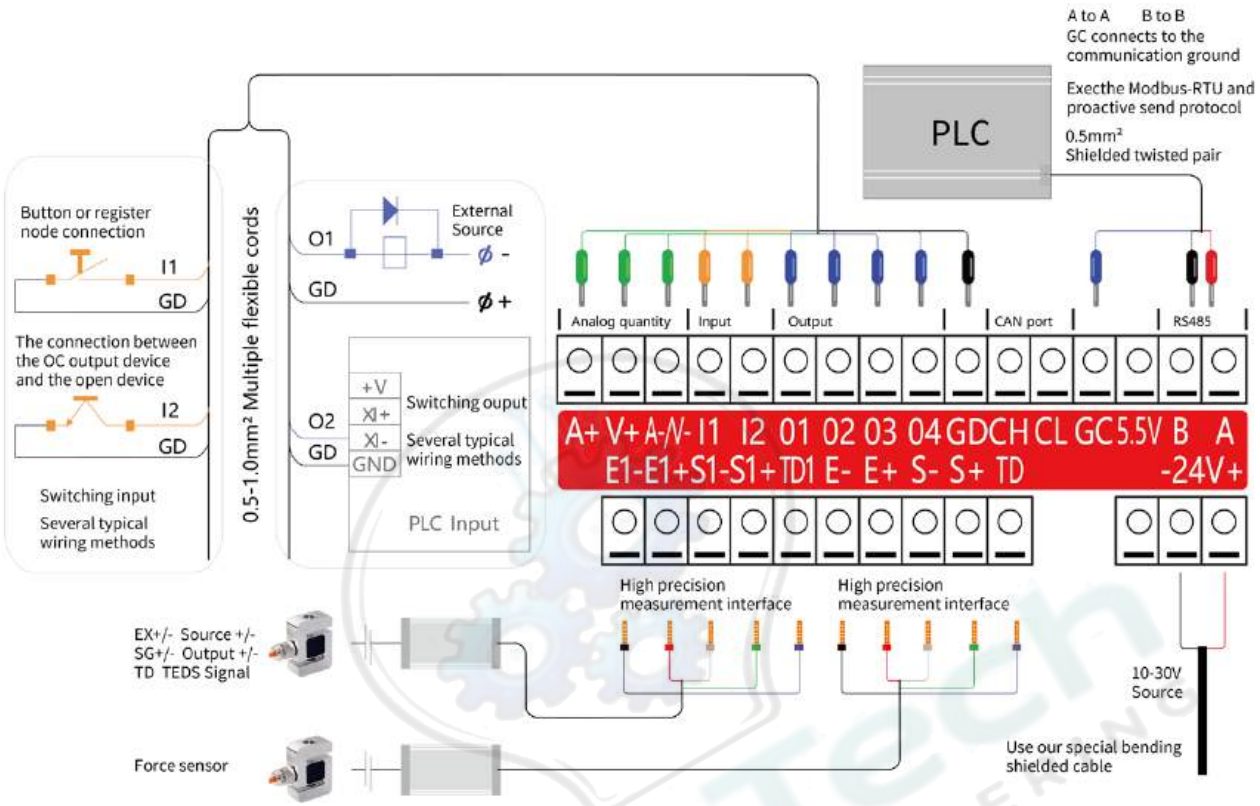
1	Infinite lifespan capacitor button with button lock and button indicator
2	The cast aluminum shell has a small volume and is easy to install
3	480x320 color LCD display
4	Wear resistant and highly transparent acrylic panel



5	Modbus TCP high-speed communication
6	Isolation type two-way input and four-way output
7	Support Canopen bus protocol
8	Modbus RTU RS485 protocol
9	Wide power input: DC9-24V
10	High speed and high-precision sensor input terminal

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DY054 Indicator

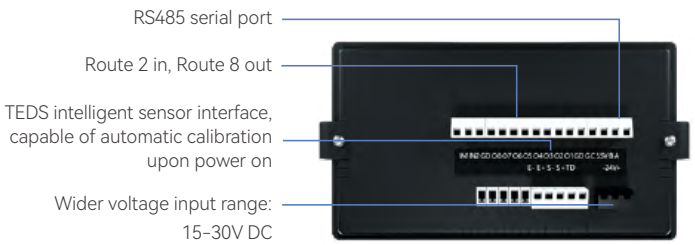


Parameters Table	
Comprehensive accuracy	better than 0.1%
Nonlinearity	better than 0.01%
High precision acquisition	Accuracy better than 0.01%
Analog input signal range	-15~15mV
High speed acquisition	Can reach 9000 times/s
Display division	9999.99
Use environment	Temperature: -20~70 ℃ Relative humidity: <90% (no condensation)
Supply voltage	12~30V DC, <5W

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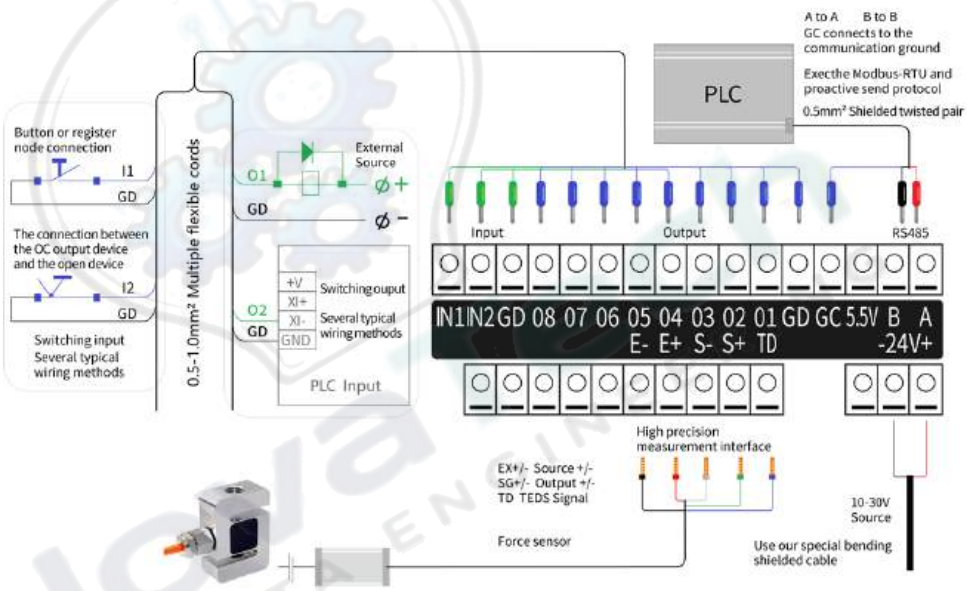
DY054W Indicator











Product Reviews

Characteristic

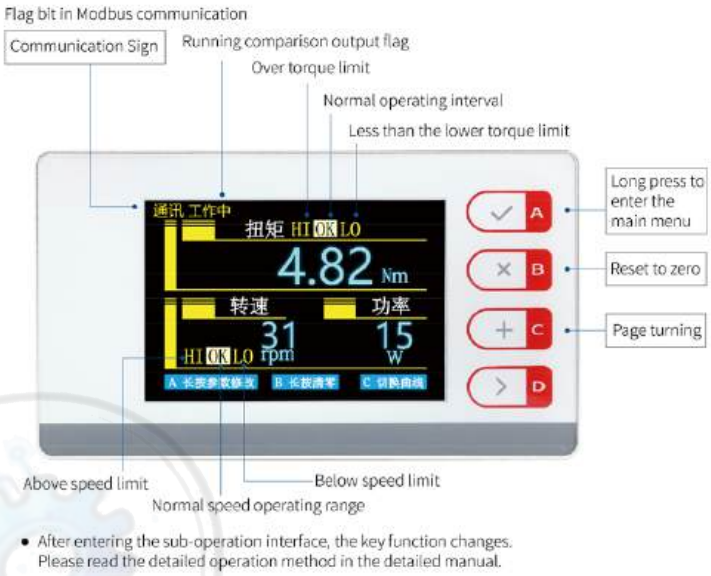
The DY054W meter is configured with one RS485 serial port. RS485 implements MOD-BUS-RTU, ASC active upload, and HEX fast active upload protocols. The MODBUS protocol supports 03 read commands and 10H write commands. Active upload Protocol Active upload protocol with the lowest latency and highest speed.

Parameters Table			
Comprehensive accuracy	better than 0.1%	High speed acquisition	Can reach 1200 times/s
Nonlinearity	better than 0.01%	Display division	9999.99
High precision acquisition	Accuracy better than 0.01%	Use environment	Temperature: -20~70 ℃ Relative humidity: <90% (no condensation)
Analog input signal range	3.0mV/V	Supply voltage	Supply voltage 10-30V DC Common (24V DC)

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DY054N Indicator



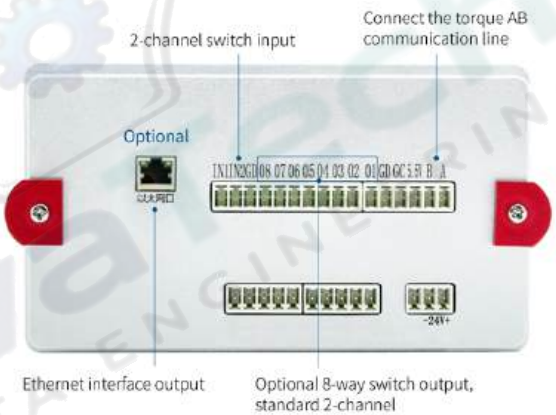


Comparison of upper and lower limits

Supports Ethernet port Modbus TCP protocol

Display real-time/historical/ working curves

RS485 Modbus RTU protocol



Product Reviews

Characteristic

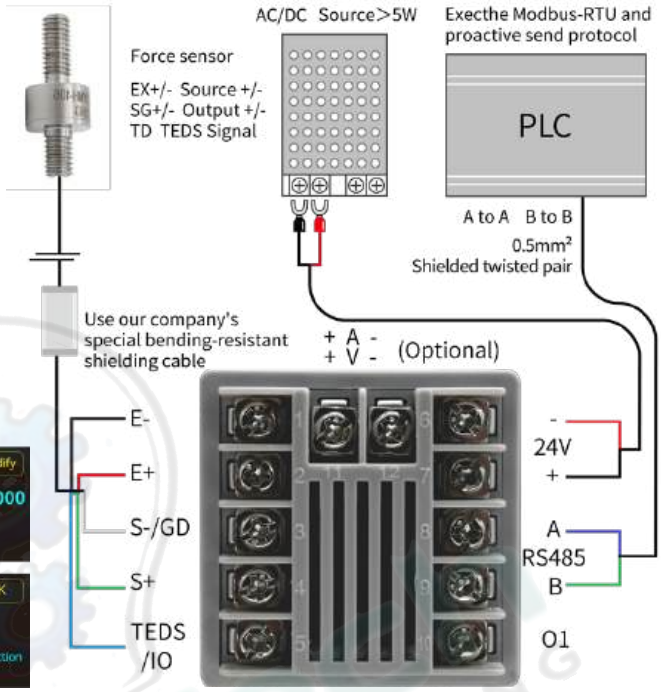
A pressure-torsion sensor is a sensor capable of measuring both pressure and torque.
It can be used to measure the force and torque during drilling, cutting, screws and tightening, or to measure the torsional characteristics of springs, bearings, clutch and other components.

Parameters Table			
Comprehensive accuracy	better than 0.1%	High speed acquisition	Can reach 1200 times/s
Nonlinearity	better than 0.01%	Display division	9999.99
High precision acquisition	Accuracy better than 0.01%	Use environment	Temperature: -20~70 ℃ Relative humidity: <90% (no condensation)
Analog input signal range	3.0mV/V	Supply voltage	Supply voltage 10-30V DC Common (24V DC)

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DY055 Indicator







Product Reviews

Characteristic

A multi-component force sensor is a sensor capable of measuring forces or moments in multiple directions simultaneously. The sensor based on the resistance strain gauge uses the characteristics of the resistance strain gauge to convert the force or torque into the electrical signal.

It has high stiffness, high natural frequency, and high load tolerance, and is suitable for dynamic measurement. Compact structure, easy installation, small space. The product price is relatively high, so our company needs to provide professional calibration and maintenance guidance. Affected by temperature, humidity, electromagnetic interference and other environmental factors, need to compensate or shield. There may be crosstalk or nonlinearity in the measured signal, which can be corrected or decoupled by our company.

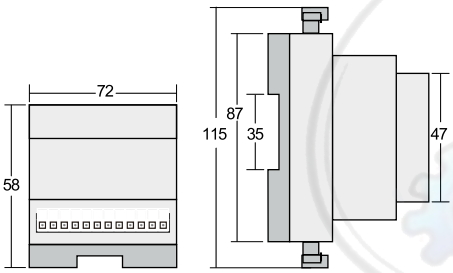
Parameters Table			
Accuracy class	C3 level	Analog input signal range	-20~20mV
Verification accuracy	0.06%	Display division	-99999 or 999999
nonlinearity	0.01%	Supply voltage	9~24V DC, < 5W
Comprehensive accuracy	0.06%	Bridge supply voltage	5V/100mA, proportional acquisition
Temperature drift	<10ppm	Use environment	-20~70℃ Relative humidity < 85% (no condensation)
Sampling rate	1200 times per second		

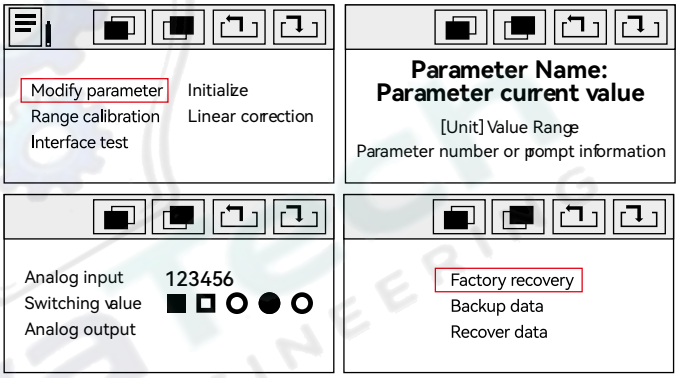
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DY056 Indicator



- Peak value capture
- Force value measurement display
- Control system
- Connecting PLC
- Collect at high speed 3200 times/s
- Operation prompt
- RS485 Modbus-RTU protocol
- Comparison of upper and lower limits
- RS232 Modbus-RTU protocol
- Interface test
- Manual clearing







Product Reviews

Characteristic

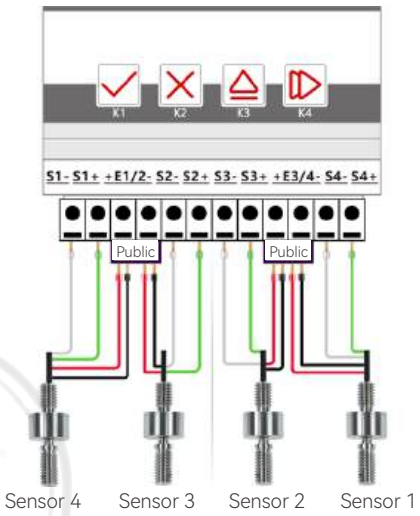
The D056 instrument is configured with two serial ports, one RS485 and one RS232 (optional), and implements MODBUS-RTU protocol, ASC active upload protocol and HEX fast active upload protocol. The MODBUS protocol supports 03 read and 16 write commands, and the maximum communication speed is 30 packets /s. The HEX active upload protocol is the active upload protocol that provides the minimum delay and the fastest speed.

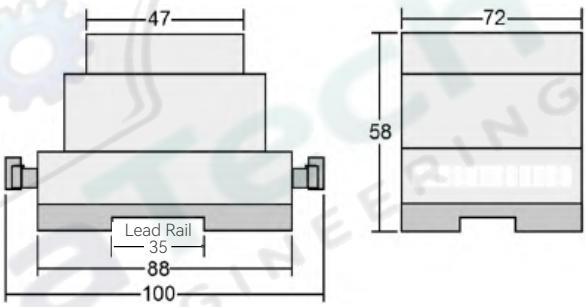
Parameters Table			
Comprehensive accuracy	better than 0.1%	Bridge supply voltage	5V/100mA,Proportional acquisition
Nonlinearity	better than 0.02%	Temperature drift	<20ppm
High speed acquisition	3200 times/s	Converter output	0~10 or -5~5V and 4-20mA
Analog input signal range	-15~15mV	Supply voltage	12~30V DC,<5W
Display division	999999 or 99.999		

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X505-4 Indicator







Product Reviews

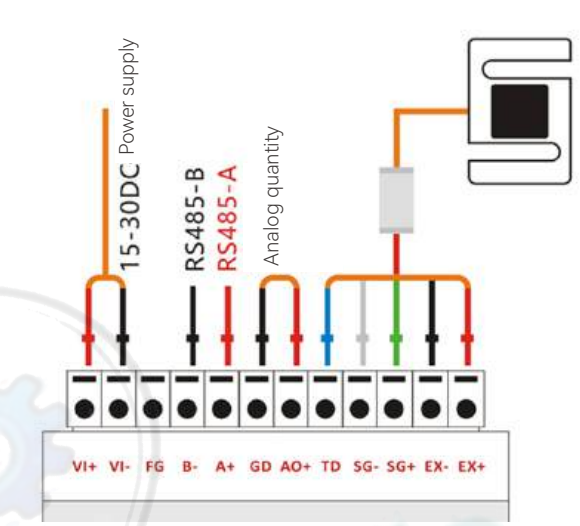
Characteristic

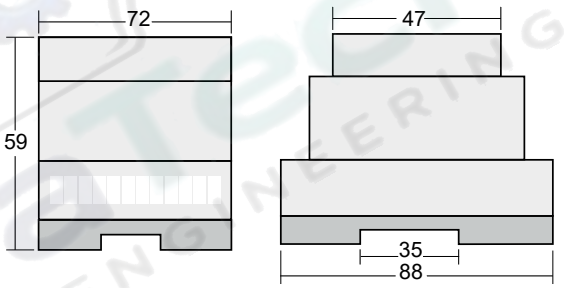
1. Real-time automatic capture of device peaks and analysis of sensor status.
2. Parameter backup and restoration.
3. No weight calibration, only need to enter the sensor parameters to complete the calibration, a variety of communication methods to choose, analog voltage, current, RS485.
4. Open all the way to clear the zero function (IN Gd short one second clear).
5. Four sets of buttons, efficient and convenient operation.
6. Communication protocol Optional Modbus-RTU interactive communication, ASCII upload protocol.
7. Analog voltage output can be 0±10V, current output 4-20mA, force value expression is easier.

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X505 Indicator





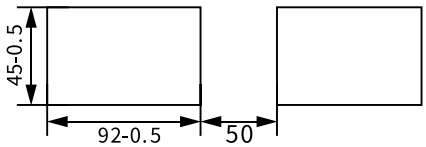


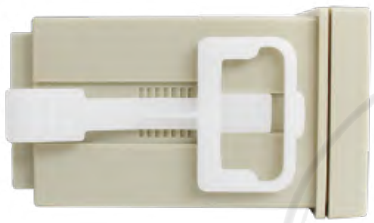
Parameters Table			
Highest sample rate	0-1000KG	Temperature drift	<20ppm
Nonlinearity	0.03%	Use environment	-20℃-50℃
Display division	-99999~999999	Analog voltage output	0±10V,4-20mA
Analog signal input range	-15 ~15mV		

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DY220 Indicator









Product Reviews

Characteristic

1. The maximum collection speed is 80 times /s.
2. With switching input and output.
3. OC output can be set and output can be transmitted.
4. Supports Modbus-RTU 485 communication.
5. Can be set: quantitative start control, simple comparison output, on start work, peak hold working mode, upper/lower alarm output, sorting mode.

Parameters Table	
Input signal	0-2.5MV/V Supply bridge voltage 5V/ 100mA
Measurement accuracy	0.05%
Sampling rate	10 times or 80 times per second can be set
Display mode	Single row red LED display. Main display range: -9999~29500
Switching input	1 way in, short connection effective (Optional)
Switching output	Optional 4-way relay or OC output Relay contact AC 250V/1A, OC output drive 100mA/ 48V
Transfer	Output 4-20mA, 0-20mA, 0-5V, 0-10V, 12bit accuracy, driving load ≤500 euros
Communication	485 communication port can run ModbusRTU protocol or active upload protocol (Transmission communication can only choose one)
Use environment	Ambient temperature :-20~50℃; Relative humidity :≤85%RH; Avoid strong corrosive gases
Working power supply	AC 100~ 240V, 50~60HZ; Power consumption ≤5W
Structure	Tray/cabinet mounted, high quality plastic housing 220 Dimensions: 96*48*84mm, hole size: 92*45mm

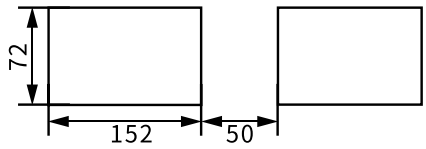
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DY220B Indicator

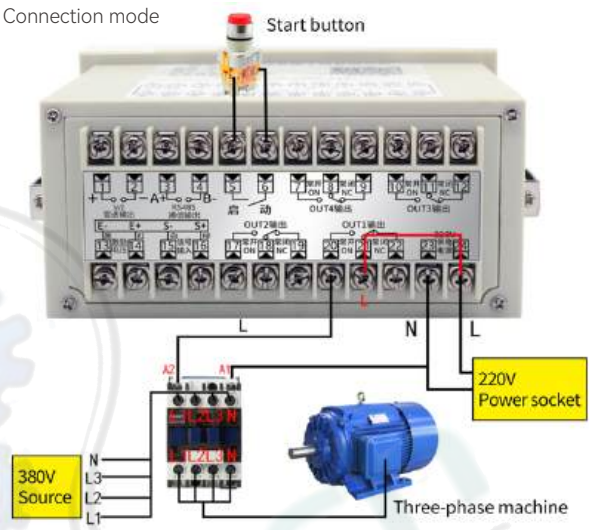








Connection mode



Product Reviews

Characteristic

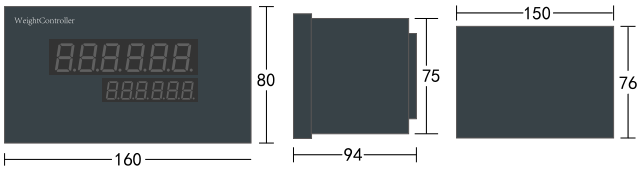
1. The maximum collection speed is 80 times /s.
2. With switching input and output.
3. OC output can be set and output can be transmitted.
4. Supports Modbus-RTU 485 communication.
5. Can be set: quantitative start control, simple comparison output, on start work, peak hold working mode, upper/lower alarm output, sorting mode.

Parameters Table	
Input signal	0-2.5MV/V Supply bridge voltage 5V/ 100mA
Measurement accuracy	0.05%
Sampling rate	10 times or 80 times per second can be set
Display mode	Single row red LED display. Main display range: -9999~29500
Switching input	1 way in, short connection effective (Optional)
Switching output	Optional 4-way relay or OC output Relay contact AC 250V/1A, OC output drive 100mA/ 48V
Transfer	Output 4-20mA, 0-20mA, 0-5V, 0-10V, 12bit accuracy, driving load ≤500 euros
Communication	485 communication port can run ModbusRTU protocol or active upload protocol (Transmission communication can only choose one)
Use environment	Ambient temperature :-20~50℃; Relative humidity :≤85%RH; Avoid strong corrosive gases
Working power supply	AC 100~ 240V, 50~60HZ; Power consumption ≤5W
Structure	Tray/cabinet mounted, high quality plastic housing 220B Dimensions: 160*80*125mm, hole size: 152*72mm

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DY300 Indicator





- Pressure
- Flow
- Location
- Composition analysis
- Mechanical quantity
- Measure
- Display
- Alarm monitoring
- Data acquisition
- Record

Product Reviews

Characteristic

The instrument adopts 24-bit A/D converter, and works with various sensors and transmitters to measure, display, alarm monitoring, data acquisition and recording of physical parameters such as pressure, flow, level, component analysis and force and mechanical quantity.

Parameters Table	
Measurement accuracy	Better than 0.05%
Measuring speed	60, 120Hz
Temperature drift	<10ppm
Display division	-99999 ~ 99999
Relay	3 ways
Communication protocol	Isolated RS485 communication, support Modbus-RTU protocol and active transmission protocol
Converter output	The 0 to 10V/4 to 20mA voltage with load greater than 10k, the current with load less than 500Ω
Communication rate	0~19200
AD conversion	24-bit AD precision acquisition
Switching output	Standard with 2 (large size can be optional three), Relay output
Switching input	1 way open zero clear, drop-down effective, use passive node driver (small size does not have this function)
Supply voltage	DC 24V or AC 220V
Use environment	Temperature: -20 ~ 70℃, relative humidity: <90%(no condensation)

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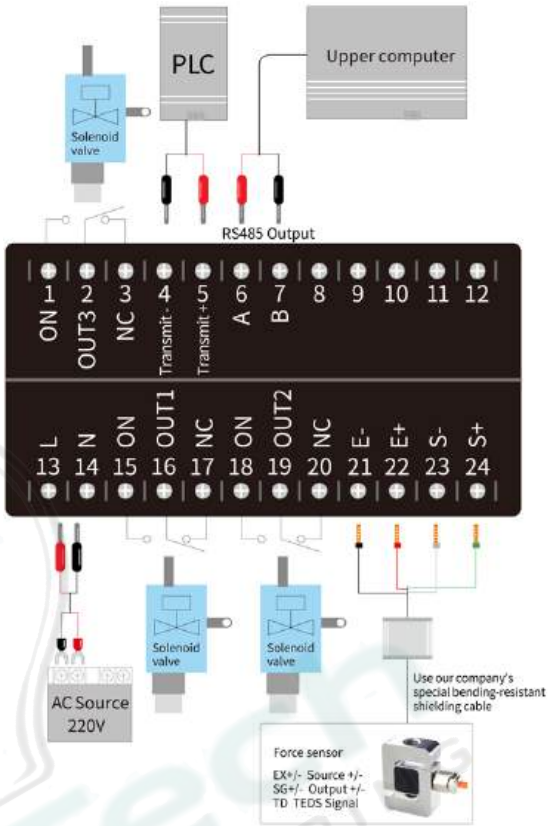
DY300A Indicator

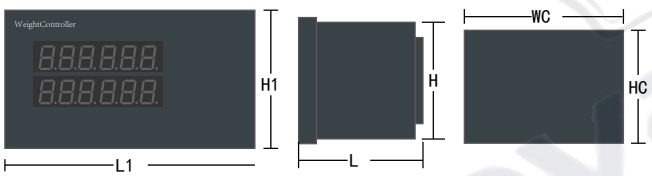




Sensor

Terminals marked clearly, easy to operate





Model	L1	H1	H	L	WC	HC
DY300A	95	47	44	111	92	45
V9696N2	96	96	96	105	92	92

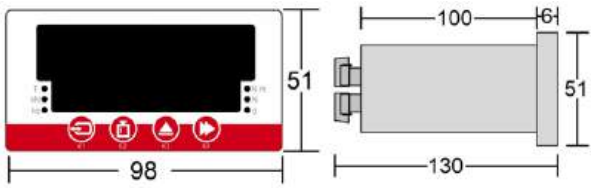
Parameters Table

Measurement accuracy	Better than 0.05%
Measuring speed	60, 120Hz
Temperature drift	<10ppm
Display division	-99999 ~ 99999
Relay	3 ways
Communication protocol	Isolated RS485 communication, support Modbus-RTU protocol and active transmission protocol
Converter output	The 0 to 10V/4 to 20mA voltage with load greater than 10k, the current with load less than 500Ω
Communication rate	0~19200
AD conversion	24-bit AD precision acquisition
Switching output	Standard with 2 (large size can be optional three), Relay output
Switching input	1 way open zero clear, drop-down effective, use passive node driver (small size does not have this function)
Supply voltage	DC 24V or AC 220V
Use environment	Temperature: -20 ~ 70℃, relative humidity: <90%(no condensation)

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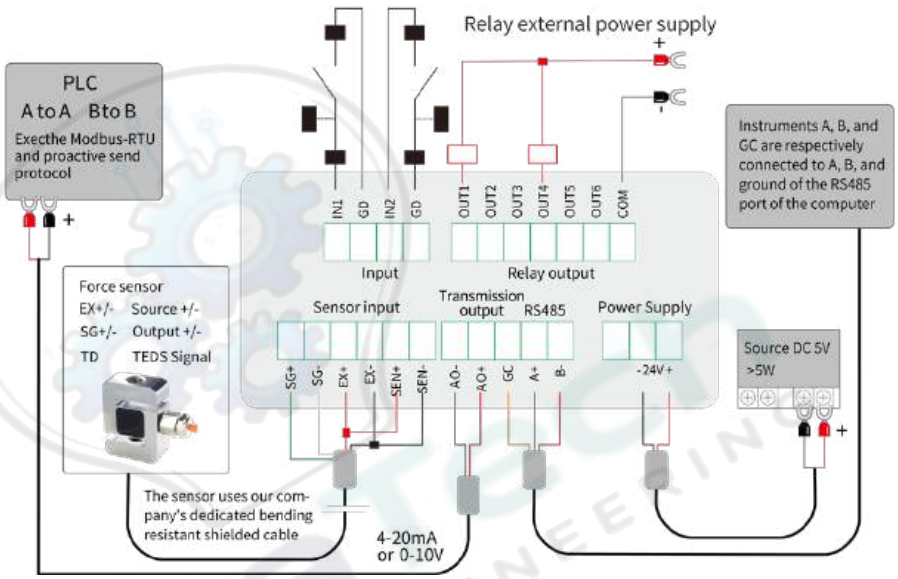
DY800 Indicator





Open hole size:93*46mm

- Creep tracking
- Quick collection
- Wave filtering
- Nonlinear correction
- Scale transformation
- Power on reset
- Automatic zeroing
- Manual reset (button/communication)
- Add ingredients
- Loading and unloading materials
- Sensor over limit record



Product Reviews

Characteristic

Adopting proportional measurement method for rapid acquisition, filtering, scaling transformation, nonlinear correction, and display of measurement signals. Upper and lower limit comparison function, peak valley value capture function. Equipped with power on reset, manual reset (buttons, communication), and automatic reset. It has zero position tracking and creep tracking functions. Sensor overload record. Optional isolated RS485 communication, supporting Modbus RTU protocol and active transmission protocol. Optional isolated transmission output. Supports voltage output of 0-10V and current output of 4-20mA. Double row display. 6-digit main display and 8-bit auxiliary display, 6-digit LED display unit. Capacitive touch button with button lock function.

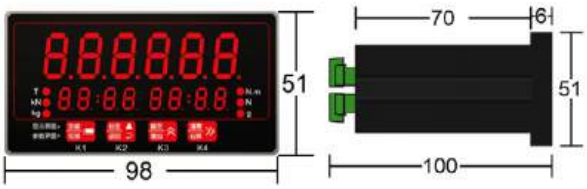
Parameters Table

Sensor power supply	5V	Communication speed	2400~115200
Measurement accuracy	Better than 0.1%	Switching output	6-way relay
Measuring speed	5-200Hz	Switching input	2-channel entry
Temperature drift	<10ppm	Node driving capability	3A/250V AC or 30V DC (resistive load)
Display division	-99999~999999	Supply voltage	10-30V DC
Transmission output	0~10V or 4~20mA	Use environment	Temperature:-20~70℃ Relative humidity:<90% (non condensing)

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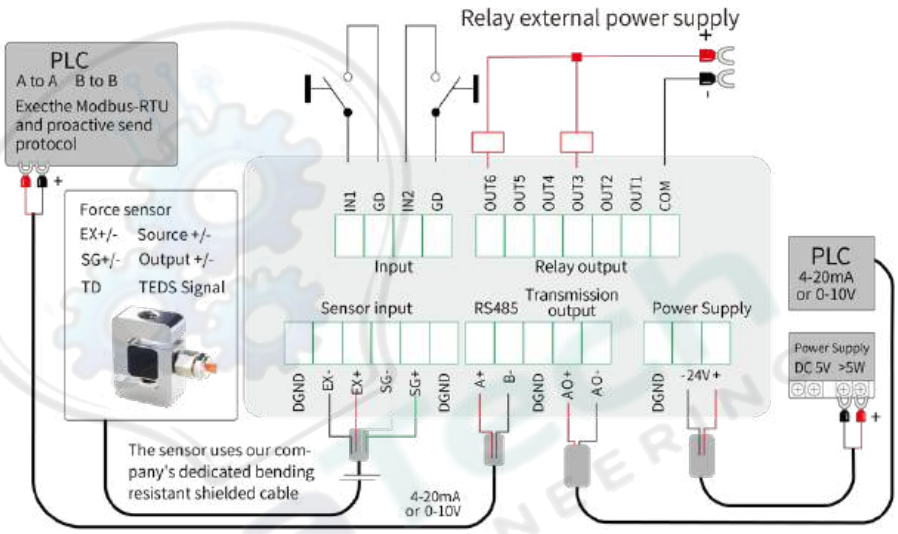
DY810 Indicator





Open hole size:93*46mm

- Creep tracking
- Quick collection
- Wave filtering
- Nonlinear correction
- Scale transformation
- Power on reset
- Automatic zeroing
- Manual reset (button/communication)
- Add ingredients
- Loading and unloading materials
- Sensor over limit record



Product Reviews

Characteristic

The instrument adopts a proportional measurement method to collect data, and collects, filters, scales, corrects nonlinearity, and displays the measurement signals. Comparison of upper and lower limits, peak valley value capture function, with power on reset, manual reset (button, communication), automatic reset, zero position tracking and creep tracking functions. Sensor over limit recording, optional isolated RS485 communication, supports Modbus RTU protocol and active sending protocol. Optional isolated transmission output. Supports voltage output of 0-10V or 4-20mA current output. Double row display, 6-digit main display and 8-bit auxiliary display, 6-digit LED display unit. Capacitive touch button with button lock function. Value offset function.

Parameters Table

Measuring channel	5V power supply	Communication rate	2400 ~ 256000
Measurement accuracy	Better than 0.05%	Switching output	2-way (4-way optional) relay /OC output is standard
Measuring speed	10, 20, 80, 320Hz	Switching input	The IN1 and IN2 pull-downs are valid. Use OC or passive node driver
Temperature drift	<10ppm	Supply voltage	15 ~ 30V DC (24VDC recommended)
Display division	-99999 ~ 999999	Working environment	-20~70℃, Relative humidity <90%(no condensation)
Converter output	0 ~ 10V/4 ~ 20mA voltage with load > 10k, current with load < 500Ω		

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DY920 Indicator





Multi-channel indication diagram







Product Reviews

Characteristic

1. The sampling rate can reach up to 12800Hz.
2. The nonlinearity is better than 0.01%, and the accuracy is better than 0.1%.
3. Display scale from -99999 to 999999.
4. The battery can be charged and discharged approximately 1000 times.
5. Analog signal input range -15~15mV.
6. The temperature drift is less than 20ppm.
7. Charging time is about 6 hours.

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DY920 Indicator



External sensor model



Built-in sensor model

Parameters

01

The sampling rate is adjustable from 50Hz to 12800Hz.Six adjustable gears.

02

High sampling rates capture peaks more accurately.

03

The real-time curve and the last history curve are displayed.

04

Check the stress of the working process.

05

Real-time automatic capture of equipment peak and valley values, analysis of sensor status.

06

Parameter backup and recovery, modify disorderly parameters can also be restored in one key.

07

No weight calibration, just enter the sensor parameters to complete the calibration.

08

Use our TEDS smart sensor, power automatic calibration, modify the corresponding unit and decimal point.

09

Use a TYPE-C data cable (optional RS485) to communicate with Modbus directly on a PC.

10

Interface test interface, you can view serial port and wireless communication debugging data.

11

200 groups of peak and valley historical data are saved, and power failure is not lost.

12

Upper limit alarm; Lower limit alarm; Peak-valley alarm; Double the range automatic alarm.

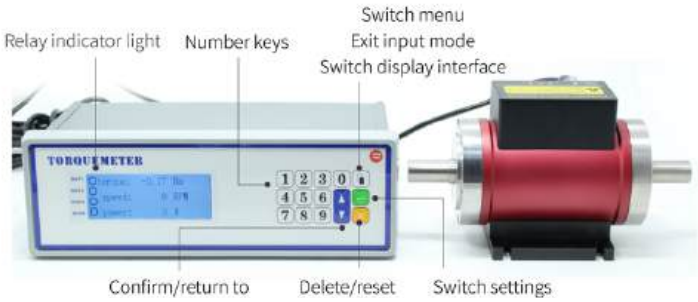
13

Multiple capture options:
Threshold - threshold; Threshold - time;
Threshold - Press the button.

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DYN-303 Indicator





- The Rs232 protocol
- The RS485 Modbus-RTU protocol
- Automatic power clearance
- Upper and lower limit alarm
- Automatic zero tracking
- Torsion
- Speed
- Power
- Connect the printer
- Set the alarm



Product Reviews

Characteristic

The instrument uses ARM kernel processor as the main control. Connected to a dynamic torque sensor whose signal output is frequency, the current torque value can be read quickly. Support current and voltage analog output. Supports RS485 output. RS485 and RS232 can be independently output, do not affect each other.

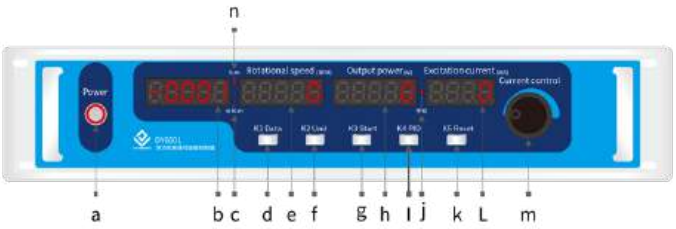
Parameters Table			
Measurement accuracy	± 0.05% F.S	Reveal	LCD display (192*64)
Torque acquisition speed	200 times per second	Torque input signal	5000~15000Hz
Speed of speed acquisition	200 times per second	Speed input signal	0.3-15000 hz
Class of protection	IP65(Front Panel Protection)	Power display range	0~99999
Power consumption	≤15VA	Torque display range	-99999~99999
Supply voltage	100-240V AC 50/60Hz	Speed display range	0~99999
Output voltage	24V±5%, current <320MA	Support Modbus-RTU RS485/RS232 protocol, ASCII	
Working environment	-20-55°C 20-90% RH	Supports four relay outputs to supply power to the sensor	

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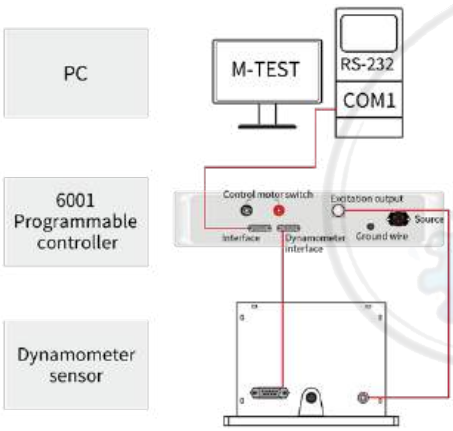
DY6001 Indicator

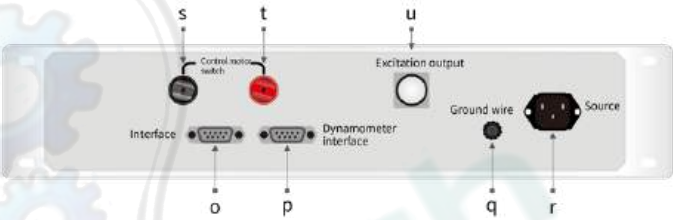






a: Instrument power switch
b: Torque value display window
d: K1 menu button
e: Speed value display window
a: Instrument power switch
b: Torque value display window
d: K1 menu button
e: Speed value display window
i: K4 PID tuning button
c n: Torque value unit display
k: K5 overall data reset button
j: Manual mode prompt
m: Excitation current adjustment knob





s t: Motor control switch, in case of emergency, the instrument can disconnect the motor source
u: Excitation output maximum output 30V2A is given to the brake
o: Communication interface with upper computer
p: Communication interface with torque sensor and speed sensor, supporting all dynamic torque sensors of our company
q: Grounding wire
r: Connect to 220VAC source

Product Reviews

Characteristic

It is a kind of can sample and process a variety of torque sensor signals and dynamometer signals, while controlling the magnetic powder magnetic lag brake.

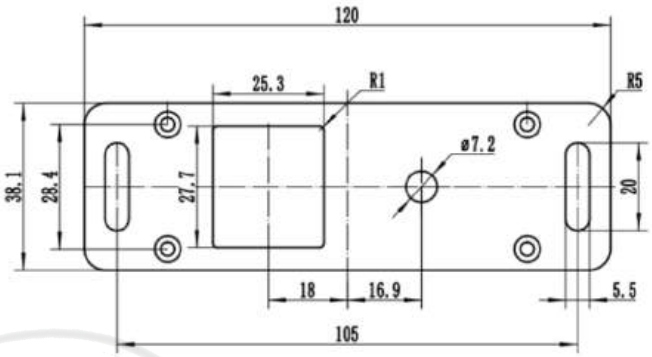
And transmit its signal to the upper position computer. Display the real-time torque, rotational speed and calculated power values.

Parameters Table			
Real-time display	Torque value/speed value	Torque range	Can be set to ≤ 99999
Display	Power value	Range of torque value display	-9999-99999
Speed	Collection speed ≤ 20 times/second	Speed value display range	0-99999
Torque	Collection speed ≤ 800 times/second	Optional speed sensor signal	60120125015002000 pulse/rev
Signal communication	RS232 communication with upper computer	Source	AC220V ± 10%, 50/60Hz
Output current	0-2000MA	Whole machine power consumption	<90W
Current accuracy	±2mA	Ambient temperature	-20-50℃
Output voltage	≤30V	Relative humidity	≤85%RH
Comes with PID			

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DYCSM Indicator







Turn the knob

Clockwise
Current parameter increase

Counterclockwise
Current parameter reduce



Press the knob

Press and hold the knob
Interface switching

Press the knob short
Check current parameter



Product Reviews

Characteristic

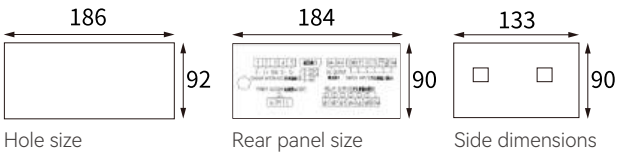
The instrument uses ARM core processor as the main control, and uses high-end precision operational amplifier as the current control. Internal use of high-speed DAC, so that the current output speed is faster. The current output period is 5MS, which is convenient for the upper computer to PID control the dynamometer. The MODBUS RTU can be integrated into the RS485 network, which can read the current value and other parameters in real time, and support control of the output current. The controller has a total of four current output ranges. 0-500mA, 0-1000mA,0-1500mA, 0-2000mA.

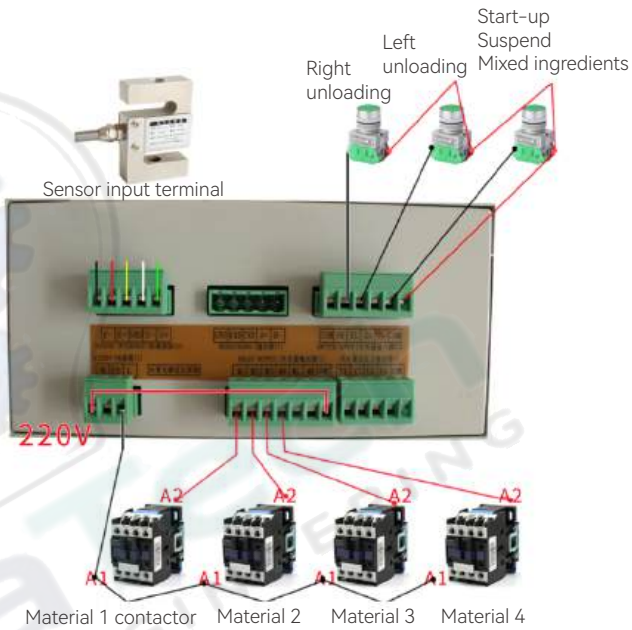
Parameters Table			
Output accuracy	± 0.3% F.S	No-load power	≤1.5W
Output speed	20 times/s	Current display range	0~9999
Display	OLED display (128*64)	Use environment	Temperature: -20-65℃ Humidity: 20-90% RH
Supply voltage	12-30V		

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DY300 Multi-Function Controller Indicator







- Rs232/485
- Zero position tracking
- Delayed start
- Digital filtering
- Delay loading/unloading
- Temperature compensation
- Power on reset
- Number of cans control
- Quick ingredients
- Move to remove white

Product Reviews

Characteristic

1. Delay loading, unloading, start set the number of cans 0-99 cans.
2. Power-on zeroing, first peeling, automatic peeling, fast and slow ingredients loading and unloading drop automatic compensation.
3. Can be set to start production conditions ("0" means can start at any time except for ingredients, material parameter Settings, function Settings, adjustments. "1" indicates that the net weight can be started within the zero return range. "2" indicates that the gross weight can be started within the return to zero range. "3" means that the gross weight is within the return to zero range and no production can be started).
4. Automatic temperature compensation.

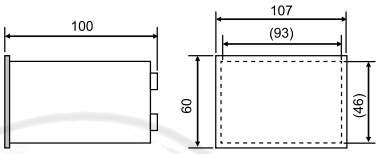
Parameters Table			
Source	Ac 220V±10% or 380V±10%, 50Hz±2%	Signal range	0-10mV
Power dissipation	9W	Display range	Max. 20000
Use environment	Temperature: 0- 50℃ Humidity: ≤90%RH (no condensation)	External power supply	Any AC/DC voltage below 380V
		Contact capacity	≤3A
Bridging source	5V±5% Maximum load capacity 150mA		

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DY310 Indicator



- Peak value judgment
- Filtering and Stability Determination
- Multi tasking work mode
- Clearly maintain
- Upper and lower limit alarm
- S232/485
- Power on reset
- Zero position tracking/ fine-tuning/calibration
- Load calibration
- Current and voltage output



Overall dimension | Front panel size | Dimensions of opening holes on disk face



Installation mode

Product Reviews

Characteristic

1. Four fixed value output modes: weight [force value] upper and lower limit DO alarm mode, weight [force value] incremental DO output mode, weight [force value] reduction DO output mode and weight [force value] interval DO output mode.
2. The whole machine EMC design, strong anti-interference ability, suitable for industrial environment.
3. 32-bit ARM CPU, 48MHz main frequency, fast operation speed.
4. 5-bit red LED digital tube with English character/number display.
5. Adopt 24-bit high-precision high-speed Σ-ΔA/D conversion module, internal resolution 1/1,000,000, sampling frequency 1280Hz.
6. The unique anti-vibration filtering algorithm is used to ensure the stability and accuracy of the weighing results when the scale body vibration is strong, and the rapid response ability when the weight changes.
7. Optional digital calibration, segment correction and segment calculation functions.
8. It has the functions of automatic encryption, key encryption, key decryption, digital setting, digital adjustment and interface testing.
9. 2 relay switches (including normally open and normally closed contacts) output upper/lower limit alarm signals.
10. 1 Optional definable analog signal output AO: 0~20mA.
11. Optional RS232 and RS485 communication port external connection machine IPC/PLC and LED remote display.
12. It adopts multi-task mode, and does not affect the process of weighing, alarm output and signal transmission when parameter setting and other operations are carried out.

Parameters Table

Weight display range	- 9999 ~ + 99999	Gain drift	±5ppm/℃
Maximum weighing capacity	Can be set 1 ~ 99999	Nonlinearity	0.005% FS
Display division	Optional 1,2,5,10,20,50,100,200,500	Relay switch contact capacity	AC250V/DC24V, 1A
Display resolution	1/50000	COM1	Optional RS232
Decimal point	Optional 0,0.0, 0.00, 0.000, 0.0000	COM2	Optional RS485
Display refresh time	Can be set 0.01~1.00s	Connectable	PC IPC/PLC and LED remote display
Excitation voltage/max. current 1	DC 5V/120mA Can be connected to 8 350Ω load cell	Operating voltage	DC24V±20%
Excitation voltage/max. current 2	DC 12V/200mA	Maximum power consumption	5W
Internal resolution	1/1000000	Operating temperature	-25℃ to +40℃
Sampling frequency	1280Hz	Storage temperature	-30℃ ~ +60℃
Zero drift	±0.1μV/℃ RTI (converted to input)	Relative humidity	≤85% RH

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DY320 Indicator







- RS232C
- Set filtering
- Manual/automatic zeroing
- Livestock scale mode
- Alarm output

Product Reviews

Characteristic

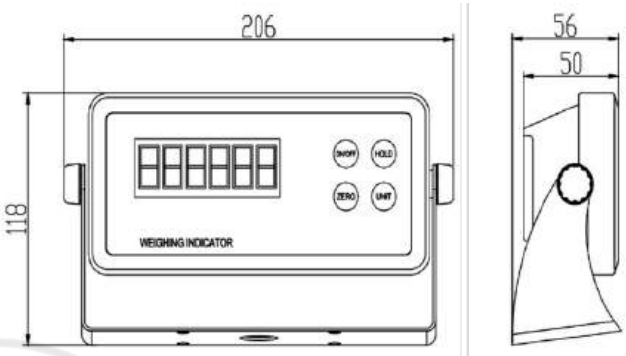
1. 5 units can be switched at will, and the communication mode supports continuous transmission, stable transmission, response mode, and manual mode.
2. The instrument has a livestock scale mode, can set the upper and lower alarm.
3. Manually set zero, auto set zero.
4. Zero tracking can be set, built-in battery.
5. Applicable to a variety of weighing environments.
   such as: platform scales, livestock scales and public equipment field force measurement.

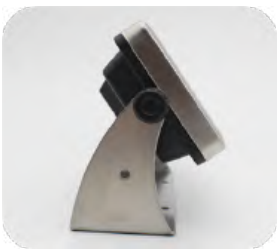
Parameters Table			
Accuracy	Level III	AD output speed	40 times/s (Optional 10 or 40)(B10 only 10 times/s)
Specification	(0~3000)d	Internal resolution	≤ 240,000
Nonlinearity	0.01% or less F.S.	Rechargeable battery	6V 4Ah
System operating voltage	DC:5V	Ac power supply	Use adapter
Division value	1/2/5/10/20/50 Free setting	Input	AC 120~240V
Large screen display interface	Sampling serial output mode	Output	DC 12V/500mA

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DY330 Indicator









- Electricity monitoring
- Automatic shutdown
- Backlight control
- Peak retention
- Auto hold
- Peel
- Continuous/Manual transmission
- Set to zero
- Multiple unit switching
- Value retention

Product Reviews

Characteristic

1. Low power design, longer battery life.
2. 6-bit 20mm word height LCD display.
3. Battery voltage detection low voltage reminder, underpower shutdown
4. Hold the function to lock the weight
5. Idle mode and automatic shutdown zero, tare function
6. Optional serial port output to connect to a large screen or computer

Parameters Table			
Accuracy class coincidence	OIML class standard	Manually set the zero range	±2% maximum weighing
Peeling range	2% to 100% maximum weighing	Use temperature, humidity	-10~+40℃; ≤90%RH
Zero range on power	±10% maximum weighing	Storage temperature	-40 ~ +70 ℃

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DYHB Indicator





Product Reviews

Characteristic

1. The maximum collection speed is 80 times /s.
2. With switching input and output.
3. OC output can be set and output can be transmitted.
4. Supports Modbus-RTU 485 communication.
5. Can be set: quantitative start control, simple comparison output, on start work, peak hold working mode, upper/lower alarm output, sorting mode.

Parameters Table		
Supply voltage	AC power supply	100~240 V AC 50/60 Hz
Power consumption	AC power supply	Below 10W
Allowable voltage variation range		90%~110% of the power supply voltage
Insulation resistance		>100M Ω (500V DC MEGA reference)
Insulation strength		2000V AC (Test conditions: 50/60Hz, 1 minute)
Anti-interference		IEC61000-4-2 (Electrostatic discharge), Class III
		IEC61000-4-4 (Electrical Fast Transient Pulse Group), Class III
		IEC61000-4-5 (Surge), Level III
Protection level		160x84 size instrument: IP65 (product front panel protection) (GB/T42-2008)
Operating environment	Temperature	-10~55℃ (storage: -25~65℃)
	Humidness	35~85% RH, no condensation
	Installation position	Indoor, height<2000m

Optional parameter table			
Comparison output	R2	96x49.5mm instrument with optional 2-point relay output	250V AC/3A Resistive load
	R4 /R8	160x84mm instrument with optional 4/8-point relay output	
Analog output	A1	Current output (4~20) mA, (0~10) mA, (0~20) mA	Optoelectronic isolation Resolution: 1/3000 Load capacity: 600 Ω
	A2	Voltage output (1-5) V, (0-5) V	
Communication interface	S1	RS232 interface, TC ASCII protocol	Photoelectric isolation Response time: 500 μs (measured value)
	S2	RS485 interface, TC ASCII protocol	
	M1	RS232 interface, Modbus RTU protocol	
	M2	RS485 interface, Modbus RTU protocol	
Power specifications	V0	100~240V AC (50/60Hz)	

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DYCHB Indicator



- Peak valley value judgment
- Filtering and Stability Determination
- Compare output
- RS232/485
- Power on reset
- Zero position tracking
- Transmission output upper and lower limits

Product Reviews

Characteristic

1. 0.05 level measurement accuracy, 10 times per second measurement and control speed.
2. Net weight, gross weight, peak value, valley value processing and switching display.
3. Upper limit, lower limit, deviation, range 6 alarm methods.
4. Zero tracking, stability, boot automatic zero clearing function.
5. Alarm status, engineering unit indicator light.

Parameters Table			
Supply voltage	AC Power supply 100-240 V AC 50/60 Hz	International Protection	IP65 (front of product)
Power consumption	AC power supply less than 7 VA	Surrounding environment	-10 ~ 55℃ ; Store -25 ~ 65℃
Allowable voltage variation range	90 ~ 110 % of the supply voltage		35~85%RH ; Store 35~85%RH
Insulation impedance	100MΩ + (500 V DC MEGA standard)	Measurement control speed	10 times per second
Withstand voltage	1 minute at 2000 V AC 50/60Hz	Basic error	± 0.05% F.S
anti-interference	IEC61000-4-2 (Electrostatic Discharge), Class III	Display range	-19999~45000 Display OL when overloaded
	IEC61000-4-4 (Electrical Fast Transient Pulse Group), Class III		Proportional measurement with 4-wire strain sensor
	IEC61000-4-5 (Surge), Class III	Input signal	Suitable for 0.8~2.5mV/V

Parameters Table			
A1	Analog output or communication interface	Current output 4~20mA, 0~10mA, 0~20mA	Resolution 1/3000
A2		Voltage output 0~5V, 1~5V	
A3		Voltage output 0~10V	Speed :2400; 4800; 9600; 19200 Address :0-99 Response time :500μs(measured value)
M1		The Modbus-RTU protocol RS232	
M1		The Modbus-RTU protocol RS485	

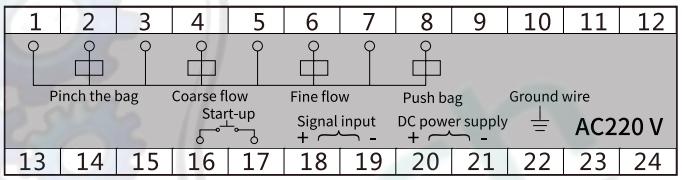
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LN965A Indicator



- Carrying with it
- Coarse flow
- Fine flow
- Push bag
- Zero position range
- Unpacking
- Number of cans control
- Delay start
- Delayed bag pushing/unloading





Product Reviews

Characteristic

Specially for chemical, grain, cement and other valve port packaging machine to provide automatic control after quantitative precision intelligent instruments.

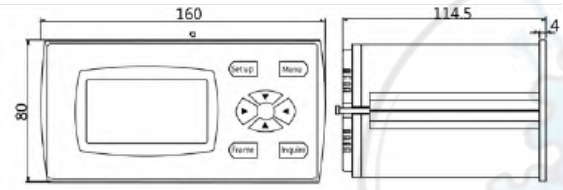
It has the characteristics of simple operation, convenient calibration, stable performance, double valve, high precision, etc., it adopts double panel design, has good anti-interference ability, and can be used reliably in complex and harsh environments.

Parameters Table			
Power source	AC 220V ± 10% -15%, 50Hz ± 2%	Operating ambient temperature	0- 50°C
Power dissipation	9W	Working ambient humidity	≤ 90% RH (no condensation)

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SXR21 Indicator





Key function	
Display area	Various running and setting screens are displayed
Enter key	Select the operation and proceed to the next setting
Escape	In the Settings state, press and hold to exit the parameter setting
	The modification of the current parameter is abandoned
Left button	In the measurement state, press and hold to print
	In Settings, move the modification bit to the left
Right button	Long press to clear peak value under rapid measurement condition
	In the Settings state, move the modification bit to the right
Upper key	In the Setting state, you can add a parameter value or change the setting type
Down key	In the Setting state, reduce the parameter value or change the setting type
Display key	Switch real-time screen display
Search key	Switch query screen display

Product Reviews

Characteristic

Low power design, longer battery life.
6-bit 20mm word height LCD display.
Battery voltage detection low voltage reminder, underpower shutdown.
Hold the function to lock the weight.
Idle mode and automatic shutdown zero, tare function.
Optional serial port output to connect to a large screen or computer.

Parameters Table		
Supply voltage	AC power supply	100~240 V AC 50/60 Hz
	AC/DC power supply	10~24VAC 50/60 Hz; 10~24V DC
Power consumption	AC power supply	Up to 8 VA
	AC/DC power supply	AC: less than 7 VA; DC: less than 6W
Allowable voltage variation range		90%~110% of the power supply voltage
Insulation resistance		≥100MΩ (500V DC MEGA standard)
Insulation strength		2000V AC (Test condition: 50/60Hz, 1 minute)
anti-interference		IEC61000-4-2 (Electrostatic Discharge), Class III
		IEC61000-4-4 (Electrical Fast Transient Pulse Group), Class III
		IEC61000-4-5 (Surge), Class III
International Protection		IP65 (Product Front Panel Protection) (GB/T42-2008)
Operating environment	temperature	-10~55℃ (Storage: -25~65℃)
	humidness	35~ 85% RH, no condensation
	Installation position	Indoor, height < 2000m

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XSB2 Indicator





level
component
strength
displacement
temperature
measure
Transform
Visual control
delivery
Pressure
flow

Product Reviews

Characteristic

Single channel digital intelligent instrument with all kinds of analog output sensors, transmitters, complete temperature, pressure, flow, level, composition and force and displacement and other physical quantities of measurement, transformation, display, transmission and control.

The instrument adopts MCU embedded combination design, the hardware expansion is strong, the software platform is flexible, can expand the switch input, timing, program sequence control, etc., is not limited to standard functions.

Can be combined according to actual needs for optimal performance.

Parameters Table

Display range	-1999~9999 Decimal point position can be set	Basic error	< ±0.2%F.S
Display color	Measurement value green, set value red, light column red, or according to order requirements	Measuring resolution	1/60000, 16-bit A/D converter
Display resolution	1/10000	Measurement control period	0.2 seconds
Input signal type	Voltage, current, thermal resistance, thermocouple, mV, potentiometer, remote pressure gauge 7, including: Voltage: 1V~5V DC, 0V~5V DC, can be selected by setting Current: 4mA~20mA, 0mA~10mA, 0mA~20mA, can be selected by setting		

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CH6 Indicator



Product Reviews

Characteristic

CH6 series digital display instrument with all kinds of analog output sensors, transmitters, complete the temperature, pressure, liquid level, composition and other physical quantities of measurement, transformation, display, and control error is less than 0.5%F.S, and has the adjustment of digital filtering function, Suitable for standard voltage, current, thermal resistance, thermocouple signal type 2-point alarm output, upper limit alarm or lower limit alarm mode can be selected. Alarm sensitivity independent set transmission output (optional), the measured and transformed display value can be output in the form of standard current and voltage for other devices.

Input & Output Specifications Table

Input		Output		
Measurement control speed	More than 5 times/s	Contact output	T2: 2 points, resistive load 250VAC/3A	
Basic error	±0.5 %F.S	External power supply	B1: 24V±5%, below 50mA	
Display range	-1999 ~ 9999	Analog output (Resolution 1/3000)	Current output (4-20) mA, (0-20) mA, (0-10) mA	A1: Not isolated from external power supply (when no external power supply is required)
Input signal (Universal input, select input signal through parameters)	Voltage V: 0-5V /1-5 V			A1G: Isolated from external power supply (when external power supply is required)
	Electric current: 4-20/0-10/0-20 mA			
	Thermal resistance: Pt100/Cu100/Cu50/BA1/BA2/G53			
	Thermocouple: K/S/R/B/N/E/J/T			

Parameters Table

Supply voltage	AC power supply	100-240 V AC 50/60 Hz
	AC/DC power supply	10-24V AC 50/60 Hz; 10-24V DC
Power consumption	AC power supply	Below 6 VA
	AC/DC power supply	AC: less than 6 VA; DC: less than 6W
Allowable voltage variation range	DC power supply should have a certain power margin, please configure the power supply according to 24VDC/0.5A, 12VDC/2A and pay attention to the length and diameter of the power cable.	
Insulation resistance		90 ~ 110 % of the supply voltage
Withstand voltage		100MΩ + (500 V DC MEGA standard)
Anti-interference		IEC61000-4-2 (Electrostatic Discharge), Class III
		IEC61000-4-4 (Electrical Fast transient Pulse Group) Class III
		IEC61000-4-5 (Surge) Class III
International protection		IP65 (front of product)
Operating environment	Temperature	-10 ~ 55℃; Store at -25 ~ 65℃
	Humidness	35 ~ 85% RH; Store 35 ~ 85% RH
Obtain certification		CE

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700WC Indicator



- Alarm
- Zero position tracking
- Automatic peeling
- Run after pause
- Report function
- Adjustment of gap
- Start and stopping
- Manual unloading
- Batch run
- Feeding method
- Automatic unloading

Product Reviews

Characteristic

The 700WC hopper scale controller is a cumulative batching control instrument designed specifically for concrete, stabilized soil and other batching systems. It can complete up to 6 cumulative batching controls, and each batching can choose between small and large feeding or single feeding, making it very suitable for complex batching control systems composed of upper computers.

1. It can achieve up to 6 cumulative ingredients.
2. Two feeding methods: dual speed feeding or single speed feeding.
3. Multiple startup methods: external startup and communication startup,
4. There are multiple ways to unload materials. 1 is automatic unloading, and the feeding is completed automatically. 2 is for external control of unloading. Unload only when the external signal is valid.
5. Setting of ingredient quantity. You can input the ingredient quantities and advance quantities of each route through keyboard or communication, or directly import them from the recipe library. The instrument saves 20 formulas.
6. It has batch control function.
7. Real time clock display.
8. Optional analog output function.
9. It is possible to query and print cumulative data from 100 batches, and reports can be printed automatically or manually.
10. Automatic zero position tracking, automatic zeroing, and automatic drop adjustment.
11. Interface testing, data backup, and recovery functions.
12. 485 serial port, supporting Modbus RTU communication protocol. If the serial port is invalid when using the printer.

Parameters Table

Instrument comprehensive error	<0.02%	Relay output port	8-way relay output or OC output
Sensor input port	Can connect 4 350 ohm sensors	Relay drive current	5A/30VDC, 250VAC
Sensor sensitivity requirements	Above 1.5mv/v	Analog output	12 bits, 4-20mA
Weight data range (including decimal parts)	0-32767	Drive load	<=250Ω
Total cumulative value	0.000-1,000,000,000	communication interface	RS485 executes Modbus RTU protocol (from)
Weight units can be selected	kg / t	External dimensions	Disk mounted 85×160×125 (H×W×D) mm
Input interface	4 channels, effective pull-down		Hole size: 76×151mm
Start signal input	DI1(Start)	work environment	-10~50℃/5-90% RH
Unloading allowed	DI2	Working power supply	220V/50Hz ±30% 5-7W

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DY2025 Indicator









Product Reviews

Characteristic

High cost-effective standard level measuring instrument, 0 The commonly used measuring instrument for 1% -0.3% standard force gauges, with a rated division of 50000-30000 and a 6-digit display. The habitual standard configuration of standard force measurement applications and related mechanical testing equipment, with sufficient performance redundancy, meets the stricter technical standards and requirements for all levels of force gauges in the current standard force measuring instrument calibration regulation JJG144-2007.

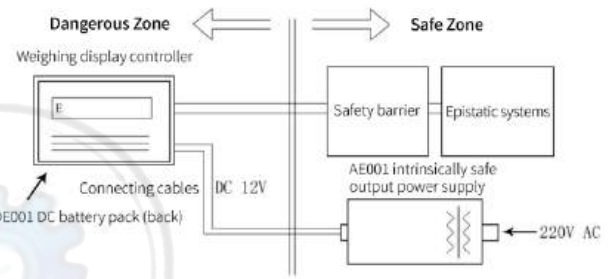
Parameters Table			
Adapt to the level of force meter	0.3%	AD conversion rate	50 times/s
Input signal range	4. 0mV/V	Repeatability and linearity	0.01%F.S.
Optional channel specifications	1/6/24/40	Gain temperature drift coefficient	10ppm
Excitation output voltage	10V DC	MV/V accuracy	0.03%F.S.
Display digit size	6-digit -1.0 inch	Communication printing interface	RS232
Rated display division	100 thousand		

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DY3190 Indicator















Instrument box Customized explosion-proof sensors Explosion proof junction box

Product Reviews

Characteristic

The explosion-proof instrument intrinsic safety weighing display controller is a new generation of weighing display control instrument recently launched by our company. It adopts intrinsic safety design technology and has two power supply modes: battery/intrinsic safety power supply. Make the instrument have the characteristics of small size, light weight, complete functions, and easy use. The product has been inspected and recognized by the national level explosion-proof safety supervision and inspection station for instruments and meters, and meets the relevant provisions of the national standard "GB3836.1/4-2010" for electrical equipment used in explosive gas environments. The explosion-proof mark is ExibICT3. Users can use this product in corresponding explosive hazardous areas according to regulations.

Parameters Table			
Accuracy level	Level 3, n=3000	Usage temperature	0~40℃
Sampling speed	10-20 times/second	Humidity	≤85%RH
Sensor sensitivity range	1.5~3mV/V	Storage and transportation temperature	-25~55℃
Division value	1/2/5/10/20/50 Optional	Power supply	Standard external intrinsically safe output power supply (model AE001)
Display	6-digit LCD display		Optional external intrinsically safe output battery pack (code: DE001)
Sensor excitation power supply	+5V	Explosion proof mark	ExibIICT3

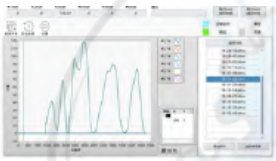
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R305 Indicator





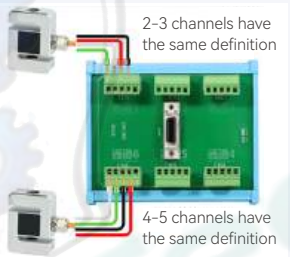




Supporting paid collection software

- Free debugging software.
- The instrument is mainly divided into the following interfaces:
- data acquisition, history interface, and settings interface.
- The history interface provides curve and table data export, which can delete files, and the data can be exported to Excel. See the history export section later for detailed operation instructions.

Definition of Terminal Wiring



Model: 305A



Attachment	485 to USB cable 1, network cable 1, USB Key 1 (internal Ethernet high-speed acquisition software)
Exclusive function	Ethernet, with Ethernet high-speed acquisition software
Peculiarity	High-speed acquisition, the fastest 1000HZ acquisition with Ethernet software

Product Reviews

Characteristic

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