

Weighing Indicator

HOLI Scale offers a range of advanced weighing indicators designed to meet various industrial needs. These indicators include features like high-resolution touch screens, OIML/NTEP certification for accuracy, explosion-proof models for hazardous environments, and BMI functionality for medical use. They are compatible with various scales, providing precise and reliable weight measurements. The models cater to different environments, including industrial, commercial, and medical settings, ensuring durability, accuracy, and ease of use. Advanced models include features like BMI calculation for medical applications and IP ratings for water and dust resistance.

HOLI Scale indicators offer several benefits, including high precision and reliability, making them suitable for various industrial and commercial applications. They feature user-friendly interfaces with easy-to-read displays, enhancing operational efficiency. These indicators are built for durability, with some models offering explosion-proof designs for hazardous environments. Additionally, they are highly compatible with a wide range of scales, providing versatile use across different industries.

For more details, visit the product page. Scan this QR code.:



Weighing Indicator

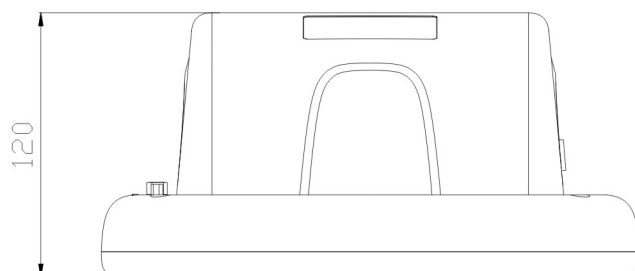
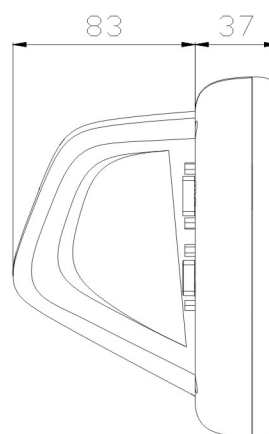
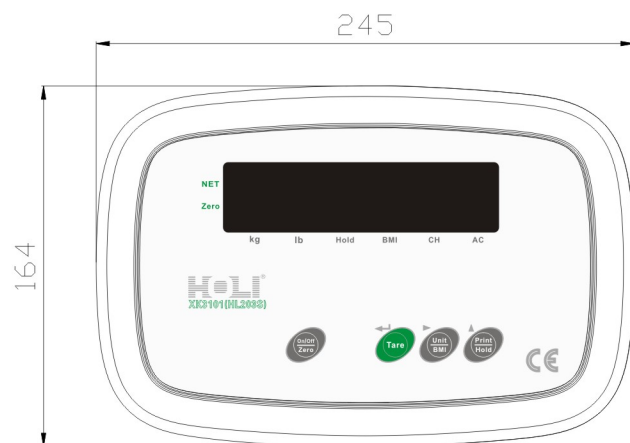
Model: HL203S



Indicator with BMI



Outline dimension(mm):



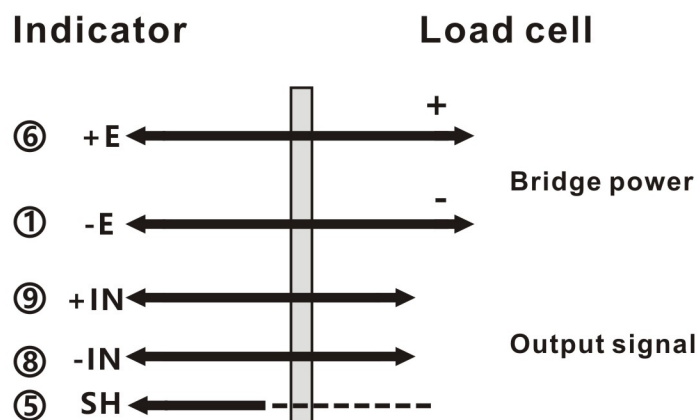
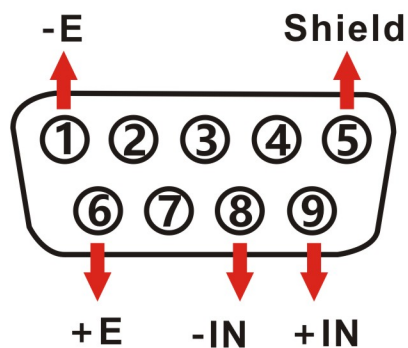
Standard Function:

- A/D conversion with high precision, readability up to 1/30000
- Special software technology that enhance vibration resistance of the system
- Automatic screen protection and automatic power off for energy saving
- Standard Power Supply: Power Cord/Power Adapter

Technical parameter:

Accuracy Class	III
Sampling rate	60 times/second
Load cell sensitivity rate	1.5~3.0mv/V
A/D conversation rate	1/30000
Division value	1/2/5/10/20/50 optional
Display	6 digits with 0.8" LED
Communication Port	RS232
Battery	Lead-Acid Battery
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Load cell wiring way:



Weighing Indicator

Model: HL318L / HL318LC



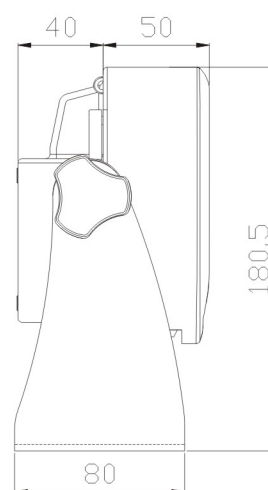
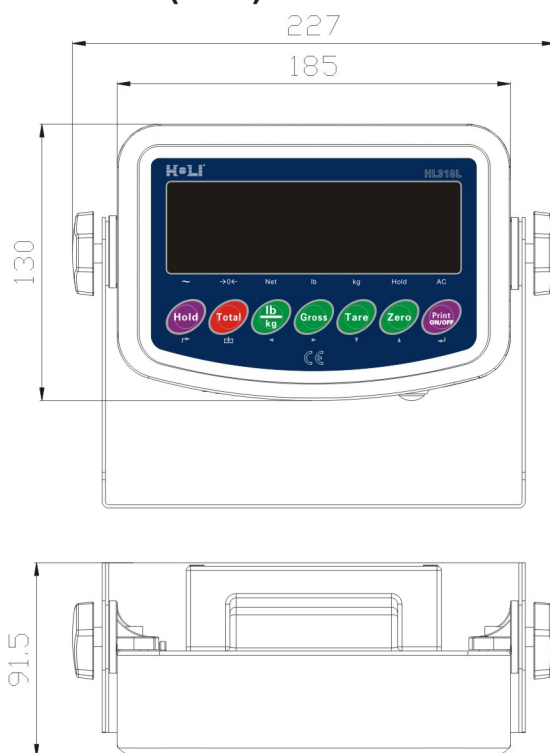
HL318L(LED)



HL318LC(LCD)



Outline dimension(mm):



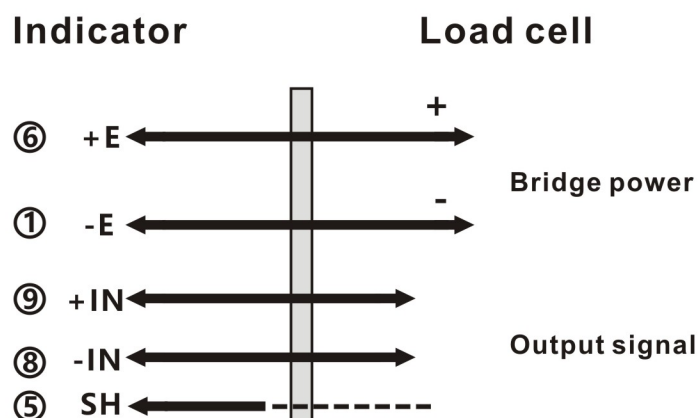
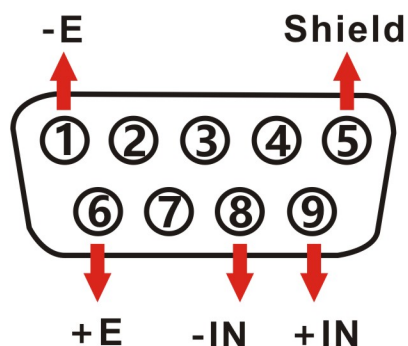
Standard Function:

- Plastic case, 7 function keys
- Weight keeping function, weight accumulation function, counting function
- Automatic screen protection and automatic power off for energy saving
- Time and date function
- Animal scale function
- Peak value holding function
- Weight percentage display function
- Rich printing formats and communication protocol
- App for smart phone optional
- Standard Power Supply: Power Cord/Power Adapter

Technical parameter:

Accuracy Class	III
Sampling rate	60 times/second
Load cell sensitivity rate	1.5~3.0mv/V
A/D conversation rate	1/30000
Division value	1/2/5/10/20/50 optional
Display	6 digits with 1.2" LED/1.6" LCD
Communication	RS232 / Bluetooth / Wi-Fi
Battery	Lead-Acid Battery / Li-ion Battery
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Load cell wiring way:



Weighing Indicator

Model: HL318 Plus E / HL318 Plus C



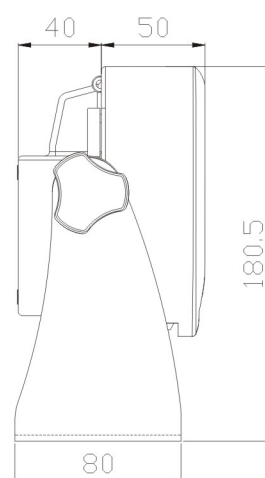
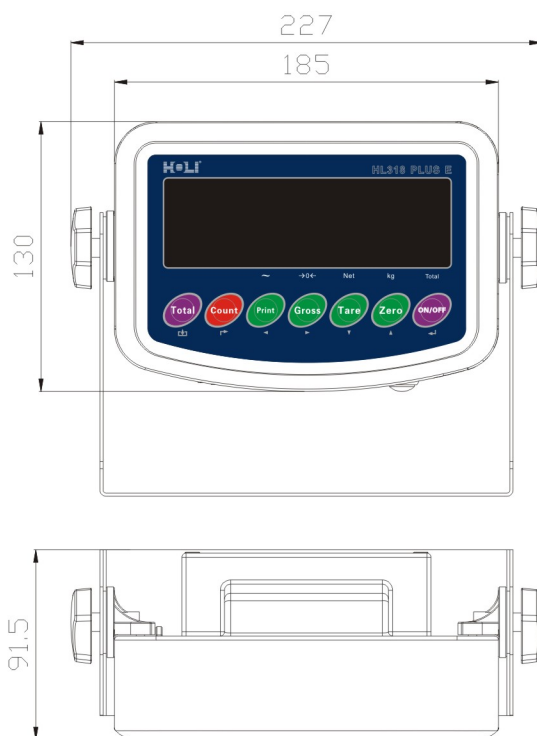
HL318 Plus E(LED)



HL318 Plus C(LCD)



Outline dimension(mm):



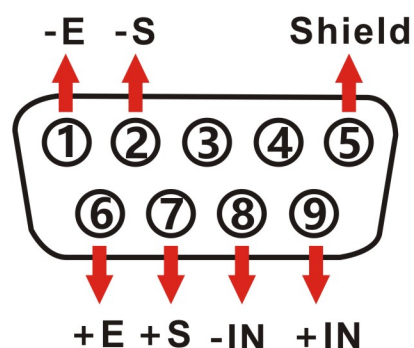
Standard Function:

- Plastic case, 7 function keys
- OIML/NTEP certified
- Special software technology that enhance vibration resistance of the system
- Automatic screen protection and automatic power off for energy saving
- Weight accumulation function, counting function
- Weight checking function(only for LCD)
- Time and date function
- Calibration Switch with Seal
- Standard Power Supply: Power Cord/Power adapter

Technical parameter:

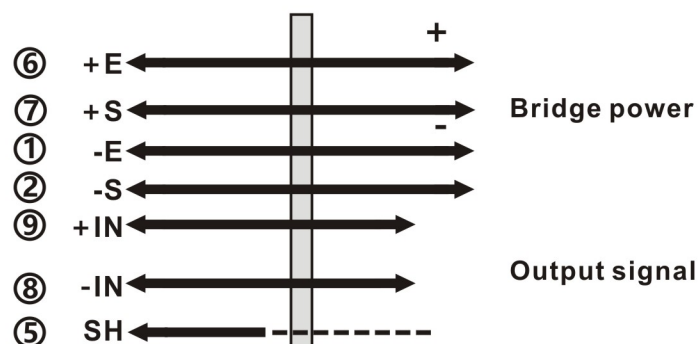
Accuracy Class	III
A/D sampling rate	120 times/second
Load cell sensitivity rate	1.5~3.0mv/V
A/D conversation rate	1/30000
Display division	1000~30000
Display	6 digits with 1.2" LED/1.6" LCD
Communication Port	RS232
Battery	Lead-Acid Battery / Li-ion Battery
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Load cell wiring way:



Indicator

Load cell



Weighing Indicator

Model: HL318L SS / HL318LC SS



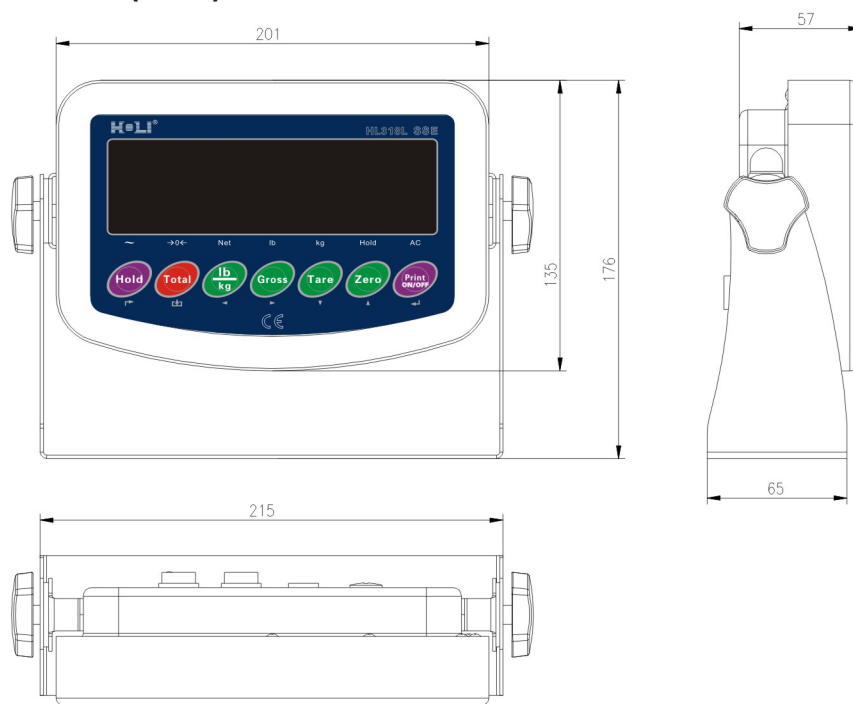
HL318L SS(LED)



HL318LC SS(LCD)



Outline dimension(mm):



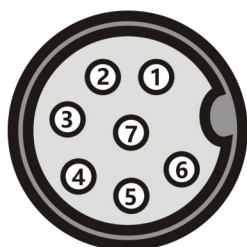
Standard Function:

- Stainless steel case, 7 function keys
- Weight keeping function, weight accumulation function, counting function
- Automatic screen protection and automatic power off for energy saving
- Time and date function
- Animal scale function
- Peak value holding function
- Weight percentage display function
- Rich printing formats and communication protocol
- Standard Power Supply: Power Cord/Power Adapter

Technical parameter:

Accuracy Class	III
Sampling rate	60 times/second
Material of case	Stainless Steel(304 or 316L)
Load cell sensitivity rate	1.5~3mv/V
A/D conversation rate	1/30000
Division value	1/2/5/10/20/50 optional
Display	6 digits with 1.2" LED / 1.6" LCD
Communication Port	RS232
Battery	Li-ion Battery
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Load cell wiring way:



PIN1	+V
PIN2	+SN
PIN3	+S
PIN4	SHLD
PIN5	-S
PIN6	-V
PIN7	-SN

Weighing Indicator

Model: HL318 Plus SSE / HL318 Plus SSC



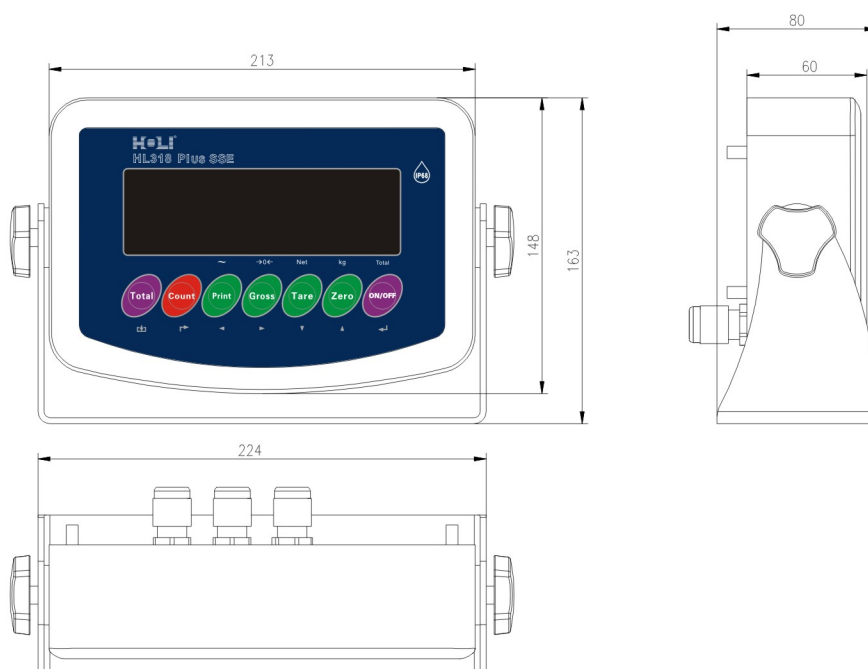
HL318 Plus SSE(LED)



HL318 Plus SSC(LCD)



Outline dimension(mm):



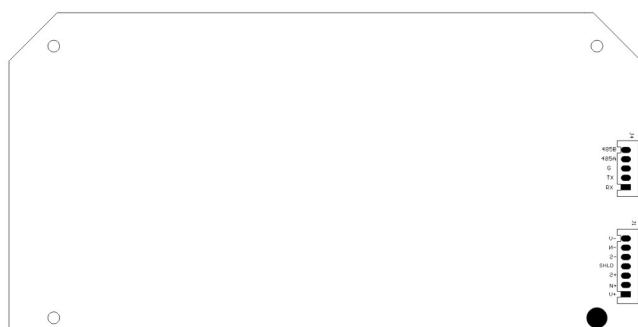
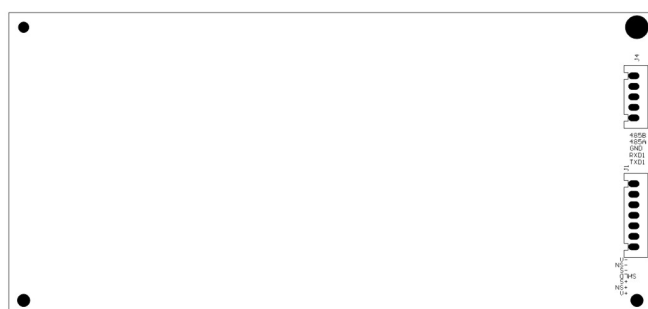
Standard Function:

- Stainless steel case, 7 function keys
- OIML/NTEP certified
- IP68 certified
- Special software technology that enhance vibration resistance of the system
- Automatic screen protection and automatic power off for energy saving
- Weight accumulation function, counting function
- Weight checking function(only for LCD)
- Time and date function
- Calibration Switch with Seal
- Standard Power Supply: Power Cord

Technical parameter:

Accuracy Class	III
Sampling rate	120 times/second
Material of case	Stainless Steel(304 or 316L)
Load cell sensitivity rate	1.5~3mv/V
Division value	1/ 2/5/10/20/50 optional
Display	6 digits with 1.2" LED / 1.6" LCD
Communication Port	RS232
Battery	Li-ion Battery
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Load cell wiring way:



PIN1	+V
PIN2	+SN
PIN3	+S
PIN4	SHLD
PIN5	-S
PIN6	-V
PIN7	-SN

Weighing Indicator

Model: HL-106E / HL-106C



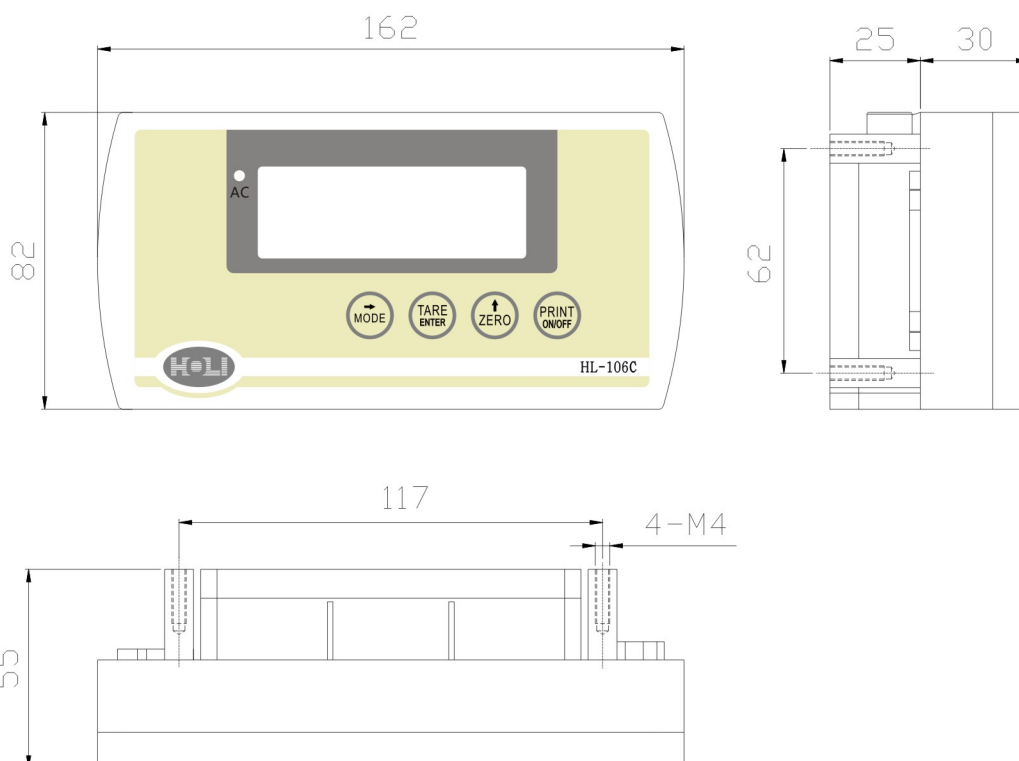
HL-106E(LED)



HL-106C(LCD)



Outline dimension(mm):



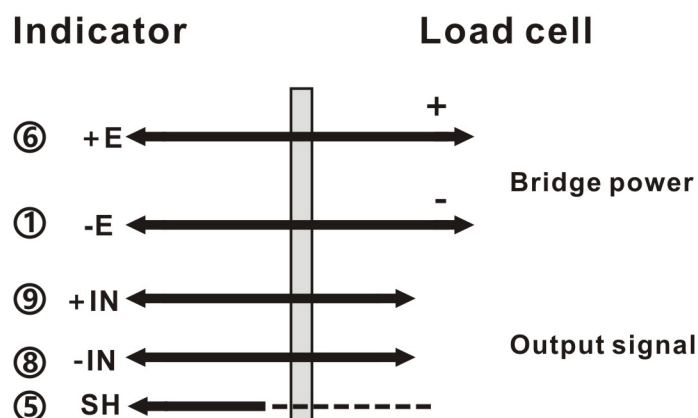
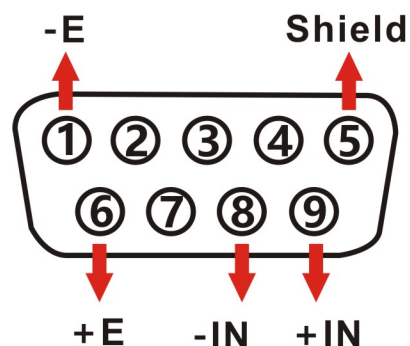
Standard Function:

- Plastic case, 4 function keys
- Full keyboard calibrating
- Zero position auto-tracking
- Full range deducting-tare
- Over load indicating
- Conversion between weighing and counting mode
- Standard Power Supply: Power Cord/Power Adapter
- Optional: *Peak value holding/Animal weighing/Checking weight function/ Fixed value alarm function*

Technical parameter:

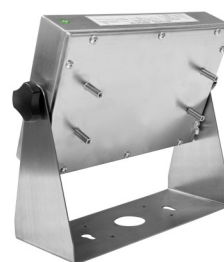
Accuracy Class	III
Sampling rate	100 times/second
Load cell sensitivity rate	1.5~3.0mv/V
A/D conversation rate	1/1000000
Display division	1000~30000
Display	6 digits with 0.56" LED / 1.0" LCD
Communication Port	RS232
Battery	Lead-Acid Battery
Working temperature	0°C~40°C
Storage temperature	-25°C~55°C
Relative humidity	≤ 85%RH

Load cell wiring way:

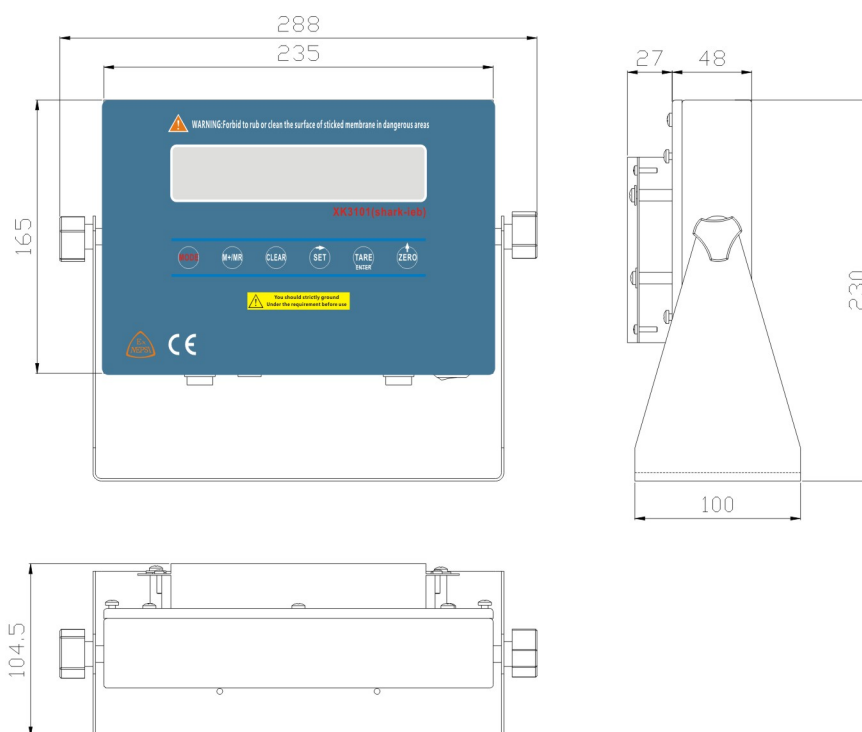


Intrinsically Safe Explosion-proof Indicator

Model: IE-1



Outline dimension(mm):



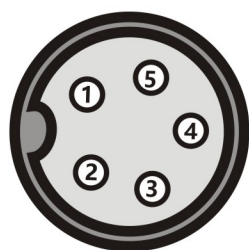
Standard Function:

- 304 stainless steel case
- Full keyboard calibrating
- Zero position auto-tracking
- Full range deducting-tare
- Over load indicating
- Two kinds of calibration modes: Fixed point and arbitrary point calibrating
- Conversion between weighing and counting mode
- AC/DC/AC&DC is optional
- Standard Power Supply: Power Cord.
- Optional: *Peak value holding/Animal weighing/Checking weight function/
Fixed value alarm function*

Technical parameter:

Explosion-proof class	Ex ib IIC T4 Gb
Accuracy Class	III
Load cell sensitivity rate	1.5~3.0mv/V
A/D conversation rate	50 times/second
Display division	1000~30000
Display	6 digits with 1.0" LCD
Communication Port	RS232/RS485/4-20ma simulator signal
Battery	Nickel metal hydride battery
Working temperature	0°C~40°C
Storage temperature	-20°C~50°C
Relative humidity	≤ 85%RH

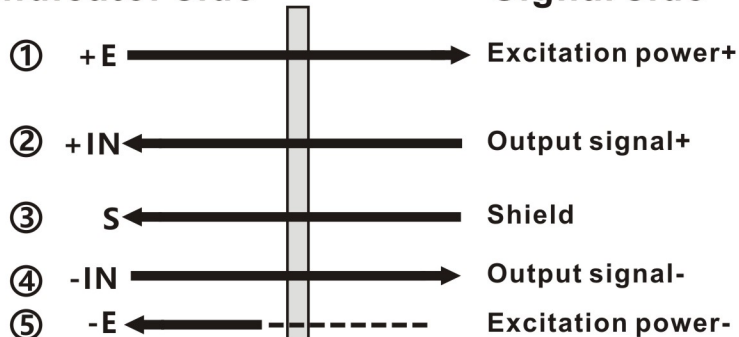
Load cell wiring way:



PIN1	+E
PIN2	+IN
PIN3	S
PIN4	-IN
PIN5	-E

Indicator side

Signal side

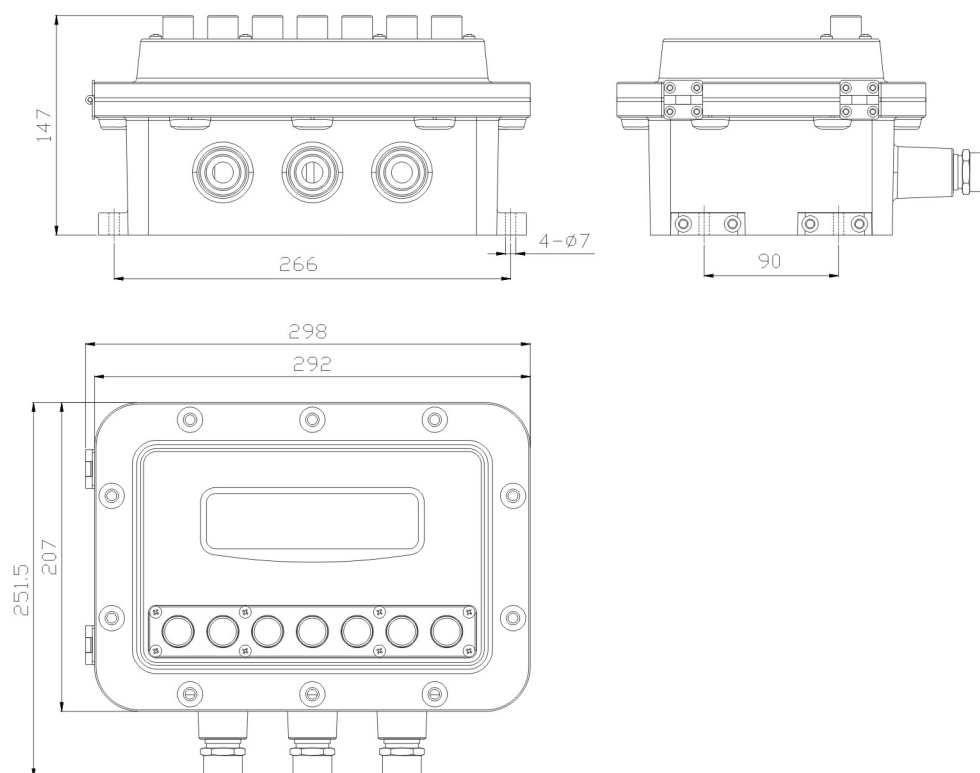


Flameproof Indicator

Model: GB-1



Outline dimension(mm):



Standard Function:

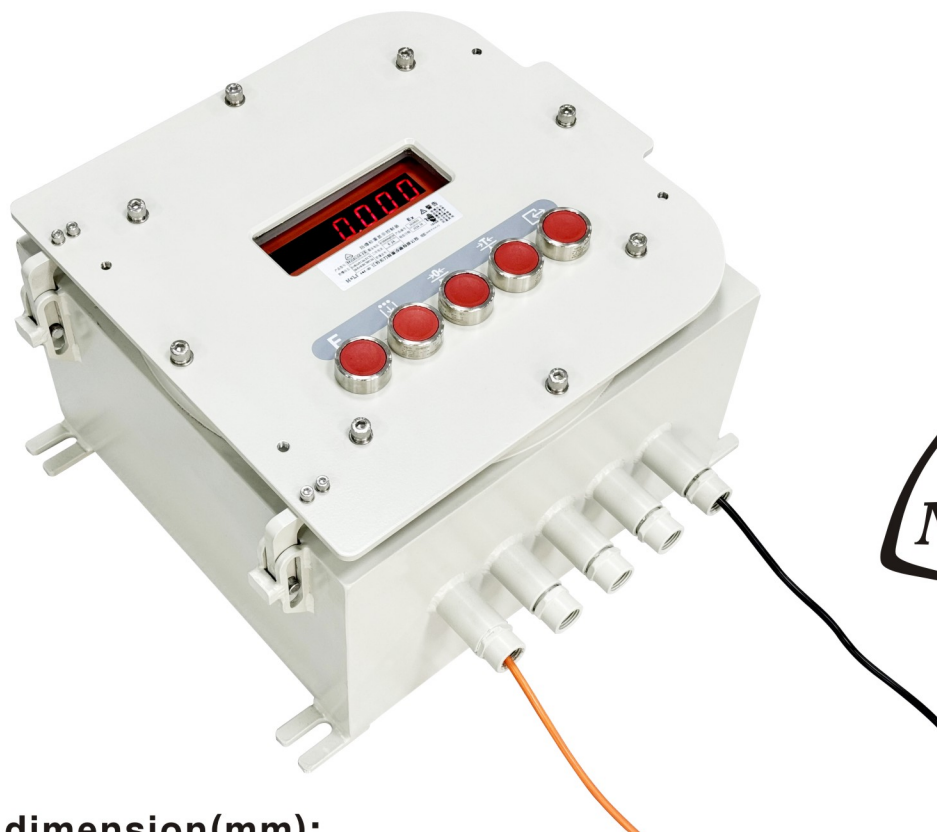
- Aluminum or mild steel case
- 3 analog output modes selected
- Function of alarm for upper and lower limit
- Time and date function
- Peak value holding function
- Tare weighing function
- Highly interference resistant
- Standard Power Supply: Power Cord

Technical parameter:

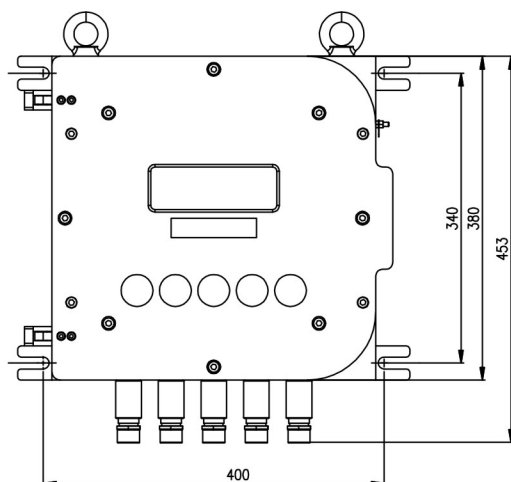
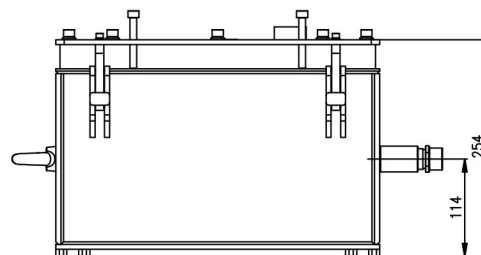
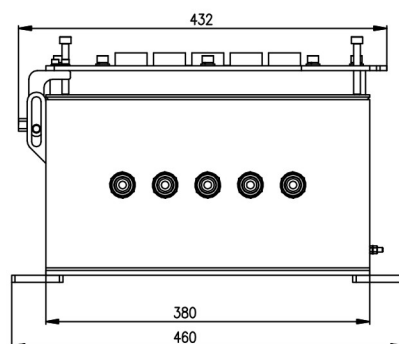
Explosion-proof class	Ex db[ia IIC Ga] IIB T6 Gb/ Ex tb IIIC 80°C Db
Accuracy Class	III
Input signal scope	-19mV~+19mV
No. of Load cells	1-8pcs Load cells, 350Ω
Load cell power supply	DC 5V 350mA
Division value	1/2/5/10/20/50/100 optional
Display	7 digits with 0.5" LED
Communication Port	RS232/RS485/4-20ma simulator signal
Power supply	AC 187~242V, 50/60Hz 1A
Working temperature	0°C~40°C
Storage temperature	-20°C~50°C
Relative humidity	≤ 90%RH

Flameproof Indicator

Model: GB-3



Outline dimension(mm):



Standard Function:

- Mild steel case
- 3 analog output modes selected
- Function of alarm for upper and lower limit
- Time and date function
- Peak value holding function
- Tare weighing function
- Highly interference resistant
- Standard Power Supply: Power Cord

Technical parameter:

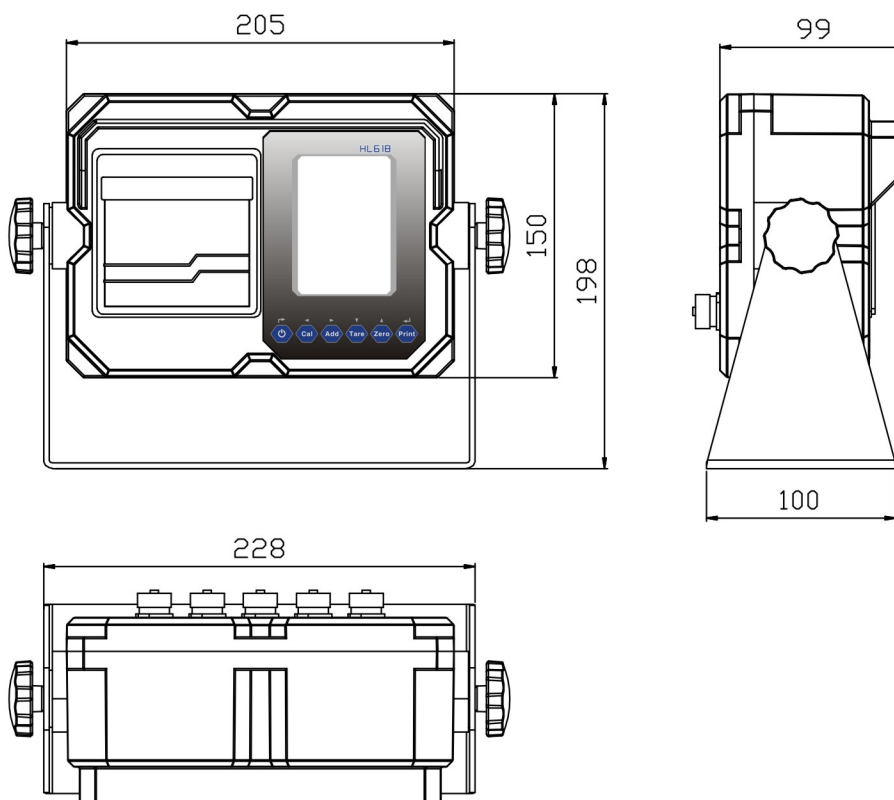
Explosion-proof class	Ex db [ia II C Ga] IIB T6 Gb/Ex tb IIIC T80°C Db
Accuracy Class	III
Input signal scope	-19mV~+19mV
No. of Load cells	1-8pcs Load cells, 350Ω
Load cell power supply	DC 5V 350mA
Division value	1/2/5/10/20/50/100 optional
Display	7 digits with 0.5" LED
Communication Port	RS232/RS485/4-20ma simulator signal
Power supply	AC 187~242V, 50/60Hz 1A
Working temperature	0°C~40°C
Storage temperature	-20°C~50°C
Relative humidity	≤ 90%RH

Weighing Indicator

Model: HL618



Outline dimension(mm):



Standard Function:

- Plastic case, 6 function keys
- Display: 320x480 LCD
- Wireless transmission: Bluetooth
- IP rating: IP54
- Peeling function, clearing function, weight accumulation function
- Automatic screen protection and automatic power off for energy saving
- Printer: Built-in Thermal Printer
- Customized printing formats and communication protocol

Technical parameter:

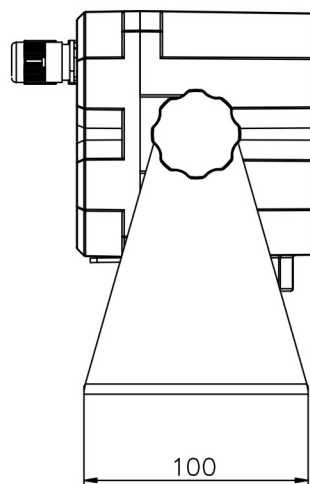
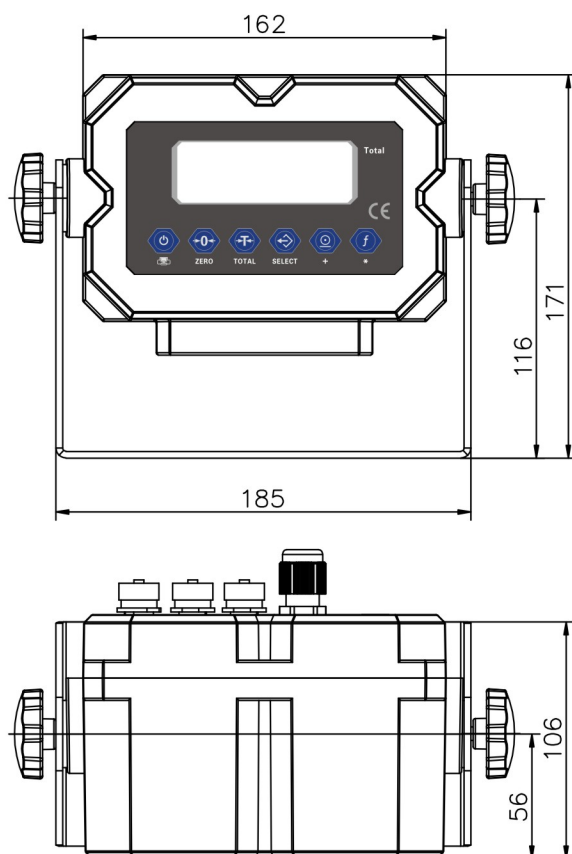
Accuracy Class	III
Weight upgrading rate	10 times/second
Load cell sensitivity rate	1.5-3.0mV/V
Internal resolution	1 million
Working voltage	12-24V (external forklift power supply)
Power supply	DC 12V±10% or DC 24V±10%
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Weighing Indicator

Model: HL608



Outline dimension(mm):



Standard Function:

- Plastic case, 6 function keys
- Wired Connection
- IP rating: IP54
- Peeling function, clearing function, weight accumulation function
- Automatic screen protection and automatic power off for energy saving
- Printer: Built-in Thermal Printer
- Customized printing formats and communication protocol

Technical parameter:

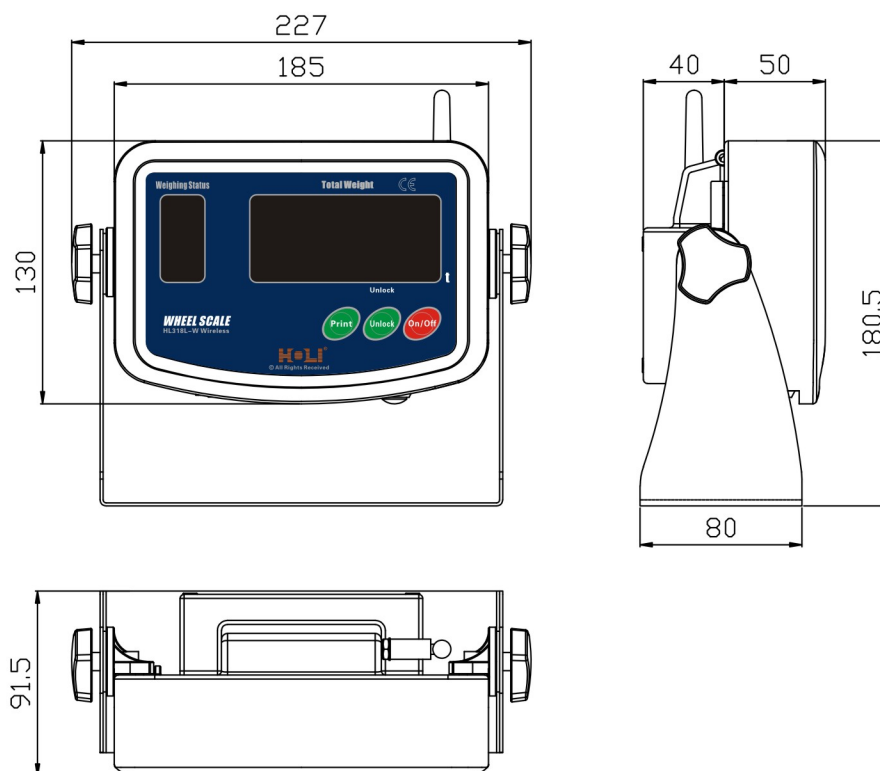
Accuracy Class	III
Weight upgrading rate	10 times/second
Load cell sensitivity rate	1.5-3.0mV/V
Internal resolution	1 million
Working voltage	12-24V (external forklift power supply)
Power supply	DC 12V±10% or DC 24V±10%
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Wheel Scale Indicator

Model: M1



Outline dimension(mm):



Standard Function:

- Plastic case, 3 function keys
- Wireless transmission: RFID
- Weight accumulation function
- Automatic screen protection and automatic power off for energy saving
- Transmission distance: 50m in open areas
- IP rating: IP54
- Weight: 1.5kg
- Optional: *Printing function (external printer required)*

Technical parameter:

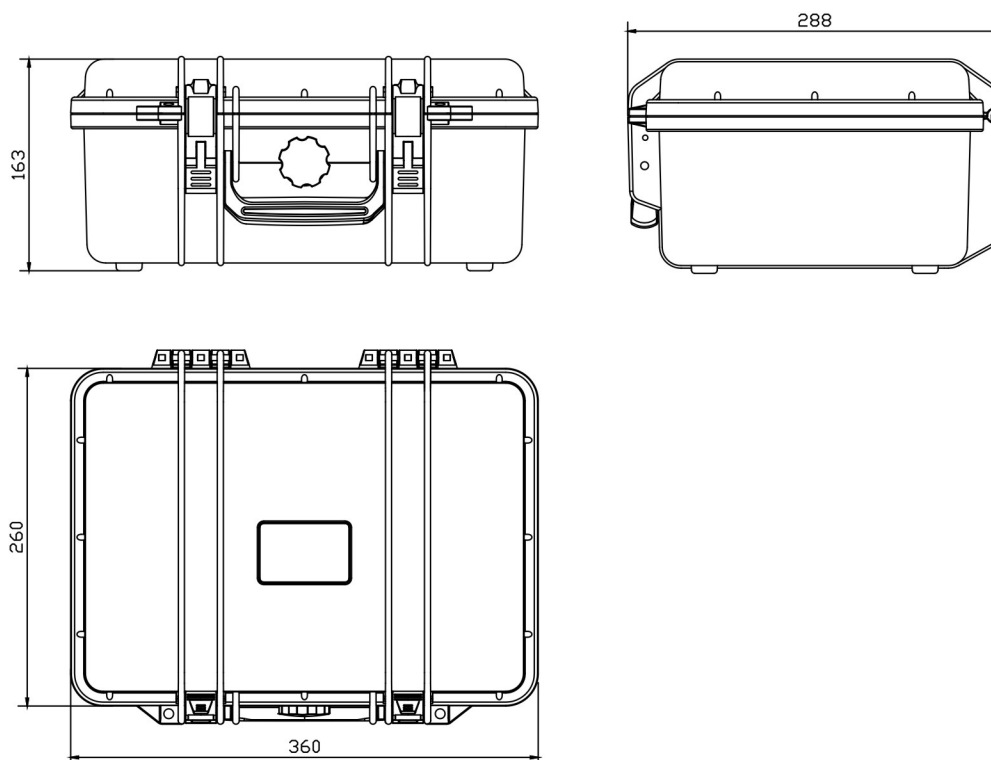
Accuracy Class	III
Load cell sensitivity rate	1.5-3.0mV/V
Division	10kg
Display	4 digits with 1.2" LED
Communication Port	RS232(optional)
Battery	Lead-Acid Battery
Working temperature	-10°C~40°C
Storage temperature	-20°C~60°C
Relative humidity	≤ 85%RH

Wheel Scale Indicator

Model: M5



Outline dimension(mm):



Standard Function:

- For Static Weighing Only
- High-definition LCD screen (240×64)
- Wired and Wireless edition available
- Hardware default 2 channels. Maximum 8 channels input
- Single scale mode, double scales mode and 4 scales mode
- Each scale input can be calibrated individually
- Multiple languages supported(Default:English)
- Real-time battery monitoring function
- Auto Power Saving function
- Built-in clock for displaying and printing time and date
- Built-in high speed Thermal printer

Technical parameter:

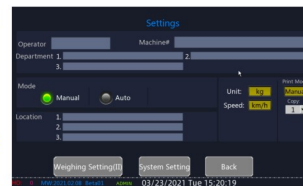
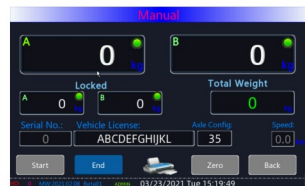
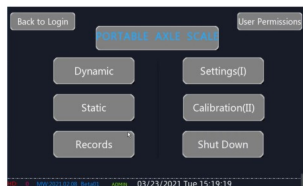
Accuracy (Static)	Class III
Resolution	100000
Division value	1/2/5/10/20/50kg 1/2/5/10/20/50lbs
Sampling rate	200 times/second
The speed of display renewal	12.5 times/second
System non-linearity	<0.01%
Communication	RS232 / Bluetooth / Wi-Fi
Working temperature	0~40°C
Power supply	Rechargable Battery
Display / Printing	Wheel Weight / Axle Weight / Total Weight
Working Hours	24 hours

Wheel Scale Indicator

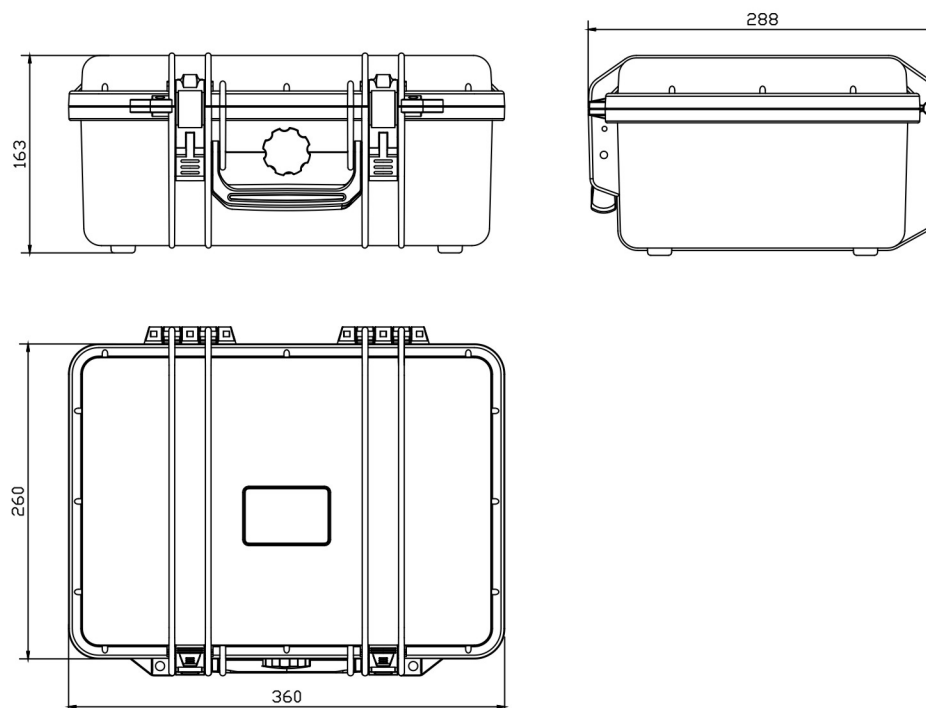
Model: M6+



iOS or Android APP available



Outline dimension(mm):



Standard Function:

- For both Static Weighing & In-Motion Weighing
- Wired and Wireless edition available
- Maximum 16 Channels input. Minimum 1 Channel input
Hardware default 2 Channels
- Multiple language supported (Default: English)
- Multi-touch LCD Screen
- Apps for iOS and Android available
- Multiple users with different permissions
- Multi range calibration available
- Cloud supporting. Remote update available
- Server Program available for customization
- Optional: *Lithium battery / Power bank / Solar energy / Car charging / Lead seal*

Technical parameter:

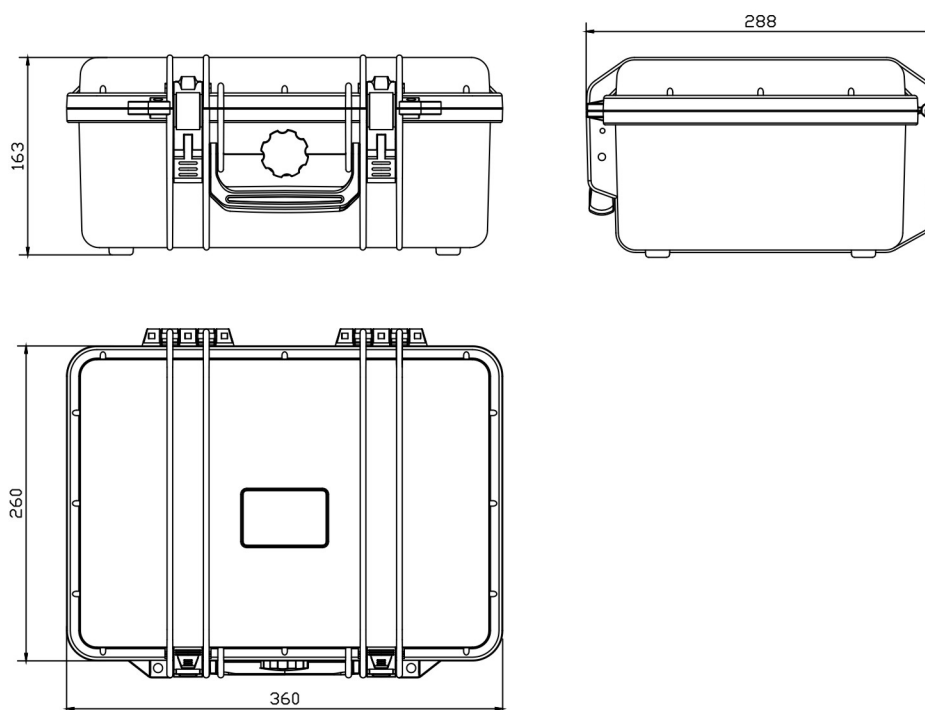
Accuracy (Static)	Class IIII
Resolution	100000
Division value	1/2/5/10/20/50kg, 1/2/5/10/20/50lbs, 1/2/5/10/20/50Ton
Max. Weighing Capacity	500Ton
Min. Weighing Capacity	1kg
Max. safe load	150%F.S
Sampling rate	200 times/second
The speed of display renewal	12.5 times/second
System non-linearity	<0.01%
Wired edition	Default input and output RS232 and USB 2.0
Wireless edition	Default input and output USB2.0 and Bluetooth
Working temperature	0~40°C
Power supply	Rechargeable Battery / Solar Panel available
Communication	USB / RS232 / Bluetooth / Wi-Fi
Printer	Build-in Thermal Printer
Relative humidity	≤ 90%RH

Aircraft Scale Indicator

Model: M5-A



Outline dimension(mm):



Standard Function:

- Designed for aircraft weighing.
- Wired edition only.
- Static weighing.
- Supports kg/lb unit conversion.
- Backlit LCD, equipped with zero calibration, tare and data hold functions
- Maximum 4 channels input. Minimum 1 channel input.
- Default in English language.
- Time and date function.
- Automatic screen protection and automatic power off for energy saving.
- Standard Power Supply: Power adapter.

Technical parameters:

Accuracy (Static)	Class IIII
Resolution	100000
Division value	1/2/5/10/20/50kg, 1/2/5/10/20/50lbs, 1/2/5/10/20/50Ton
Max. Weighing Capacity	500Ton
Min. Weighing Capacity	20d
Sampling rate	200 times/second
Display update rate	12.5 times/second
System non-linearity	<0.01%
Wired edition	Default input and output RS232
Working temperature	0~40°C
Power supply	Rechargeable battery
Communication	RS232
Printer	Build-in Thermal Printer
Relative humidity	≤ 90%RH

Weighing Controller

Model: HL701



Stainless steel panel, Aluminium alloy case

MODBUS RTU, RS485/RS232



Application:

specialy suitable for situations where high control accuracy and speed are required. Such as various powder and chemical raw material packaging scales, liquid filling scales, ingredient scales for 1-6 types of materials, etc.

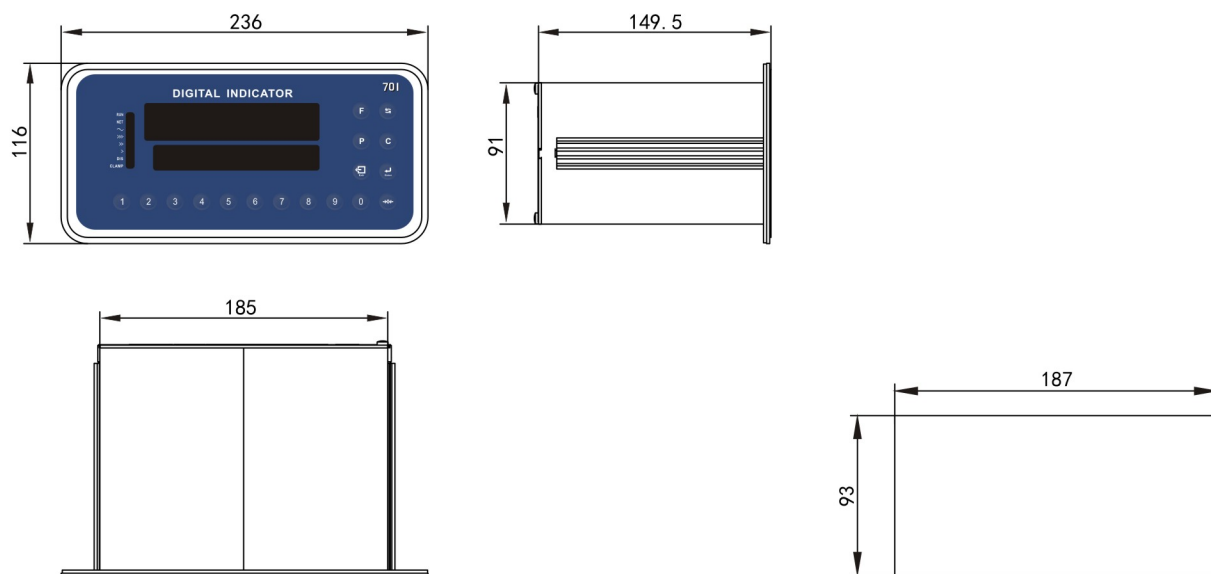
Specification:

- Rich input and output interfaces enable the indicator to have integrated functions of PLC and weighing control indicators, saving the cost of configuring PLC.
- Dynamic detection, digital filtering technology, and automatic zero point tracking function.
- Embedded in a variety of optional working modes: self-locking preset point mode, bulk material scale mode, with weighing bucket mode, without weighing bucket mode, reduction mode, gross weight filling mode, net weight filling mode
- Type, free preset point mode and 1~6 material dosing modes.
- SMT technology is adopted, and EMC, RFI, environmental (low temperature -40°C, high temperature +80°C, impact, drop and other tests have greatly improved stability and reliability..
- Support a variety of communication data formats: continuous output format, command output format and ModBus RTU format.
- Set the parameter backup function, so that the one-click recovery function is possible.
- Automatic correction of lead in the process of packaging, filling and dosing.
- 10 kinds of formula storage, each formula has a 9-bit weight accumulation and 6-bit bag number accumulation.
- All data can be protected by power failure, and can be uploaded to the host computer for management.
- A variety of print items and print formats.
- Can support remote fault diagnosis and software upgrade function.

Technical parameter:

Accuracy	C3, n=6000
Input signal range	-19mV ~ +19mV
Nonlinearity	≤0.01%F.S
Number of load cells	1~8pcs 350Ω load cell
Power supply	DC: 5V; 350mA
Connecting way	6-wire system, long wire automatic compensation
Display	Dual display: Upper 6-bit 0.8" red LED, lower 9-bit 0.56" red LED
Division	1/2/5/10/20/50/100 optional
Clock	Can display real-time time and date
Keyboard	17 keyboards (10 number keys, 7 function keys)
Screen display interface	Serial output mode
Communication interface	Serial RS232+RS485; Baud rate 1200~115200 optional
Print interface	Shared with serial port, can connect to serial printer
Output interface	10 isolated transistor outputs (DC: 300mA/24V)
Input interface	8 optical isolation input
Using power	AC 187~242V, 50/60Hz 1A
Working temperature, humidity	-10°C ~ 40°C; ≤90%RH
Storage temperature	-20°C ~ 50°C
Dimension	Case: 236×116×249.5(mm) Panel: 236×116×2(mm)

Outline dimension(mm):

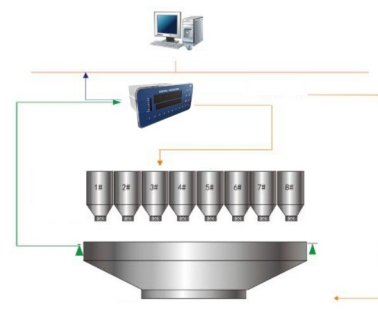
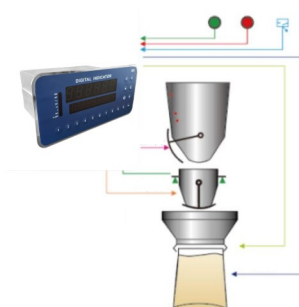
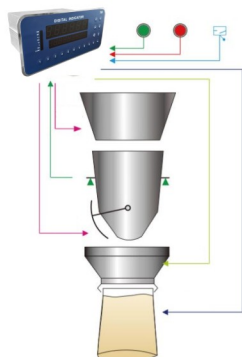
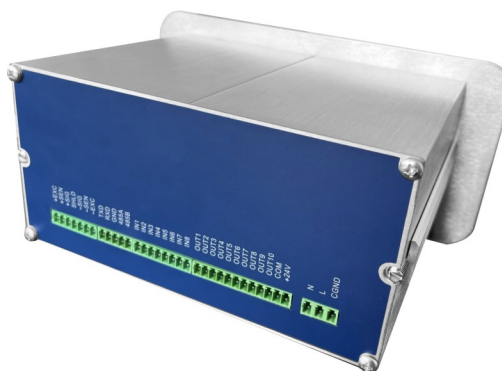


Installation hole dimension

Applications:

Interface selection

Standard: 1xRS485+1xRS232;MODBUS RTU,
8 external control inputs and 10 control outputs



PROFI
BUS

Modbus-RTU

RS485/RS232

Weighing Controller

Model: HL702



High density polyethylene Case

PROFI BUS、MODBUS RTU、
ANALOG OUTPUT、RS485/RS232



Application:

Process control weighing indicator can be easily connected with resistance strain gauge sensor to form batching scale, quantitative packaging scale, control scale, upper and lower limit weighing alarm device, etc., suitable for a variety of high speed and high precision weighing requirements of the control occasions.

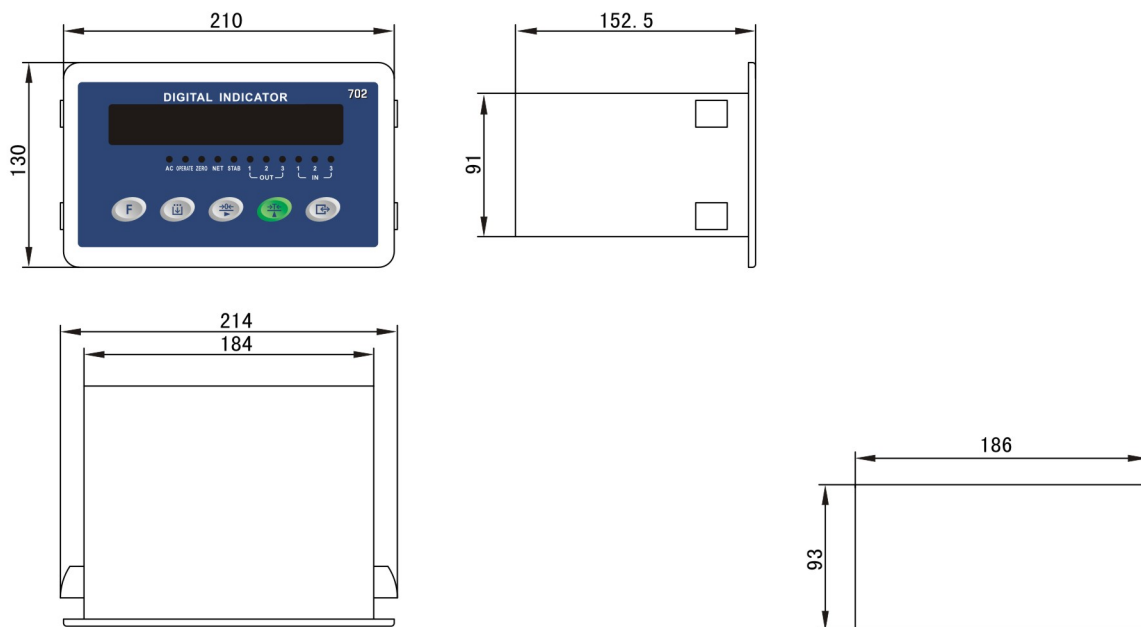
Specification:

- 6-digit integrated addition scale, subtraction scale, sorting scale, upper and lower limit alarm and other functions, with 3 external control input and 3 control output.
- Standard asynchronous serial communication interface (RS232 or RS485), flexible communication methods (continuous sending, instruction response, and MODBUS RTUS)
- 4~20mA (or 0~5V or 0~10V) analog precision output.
- Upper and lower alarm output Settings.
- High precision A/D conversion, readability up to 1/30000.
- Debug parameters are quickly saved and quickly recovered.
- Changing the indicator does not require recalibration, just input the parameters of the original indicator.
- Large screen display output.
- Flexible peak holding function.
- It can be connected to a serial printer to print weighing records, cumulative measurements, or formulas. Manual or automatic printing is optional.
- With the peeling function, choose whether to automatically peel at the start of the automatic control. The digital filtering intensity of AD/data can be set and changed as needed.
- Multiple operation information and error message prompts.
- Print unit selection: kg, t, g, lb.
- With accurate clock, calendar, automatic leap year, leap month, not affected by power outages.
- Strong anti-interference performance, high reliability.

Technical parameter:

Accuracy	C3, n=6000
Input signal range	-19mV ~ +19mV
Nonlinearity	≤0.01%F.S
Number of load cells	1~8pcs 350Ω load cell
Power supply	DC: 5V; 350mA
Connecting way	6-wire system, long wire automatic compensation
Display	Single row 7-bit 0.8" LED, 11 status indicators
Division	1/2/5/10/20/50/100 optional
Clock	Can display real-time time and date
Keyboard	With 5 tap keys
Screen display interface	Serial output mode, 20mA constant current source signal
Communication interface	Serial RS232/RS485(either one);Baud rate 600~9600 optional
Print interface	Shared with serial port, can connect to serial printer
Relay output	Contact capacity AC: 21/259V DC: 21/30
External control input	15, 30, 60, 120, 480, 960 times/second
Using power	AC 187~242V, 50/60Hz1A / DC 24V
Working temperature, humidity	-10°C ~ 40°C; ≤90%RH
Storage temperature	-20°C ~ 50°C
Dimension	Case: 185×91×136(mm) Panel: 220×110×2(mm)
Weight	500g

Outline dimension(mm):



Installation hole dimension

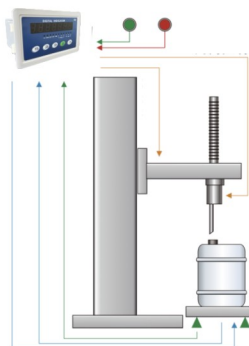
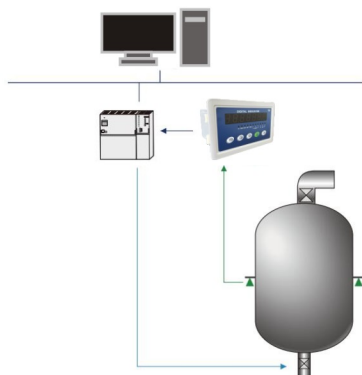
Applications:

Interface configuration :

Standard:

1 RS485 or 1 RS232; MODBUS RTU,
analog 4~20 mA / 0~5V / 0~10V
3 external control inputs and 3 control outputs

Optional: PROFIBUS



Weighing Controller

Model: HL703



Stainless steel panel, aluminium alloy case

PROFI BUS, MODBUS RTU,
ANALOG OUTPUT, RS485/RS232



Application:

Specially suitable for 1-4 types of material batching scales in the concrete industry, reducing scales with automatic feeding function, batching scales and packaging scales for dry powder mortar, and liquid filling scales.

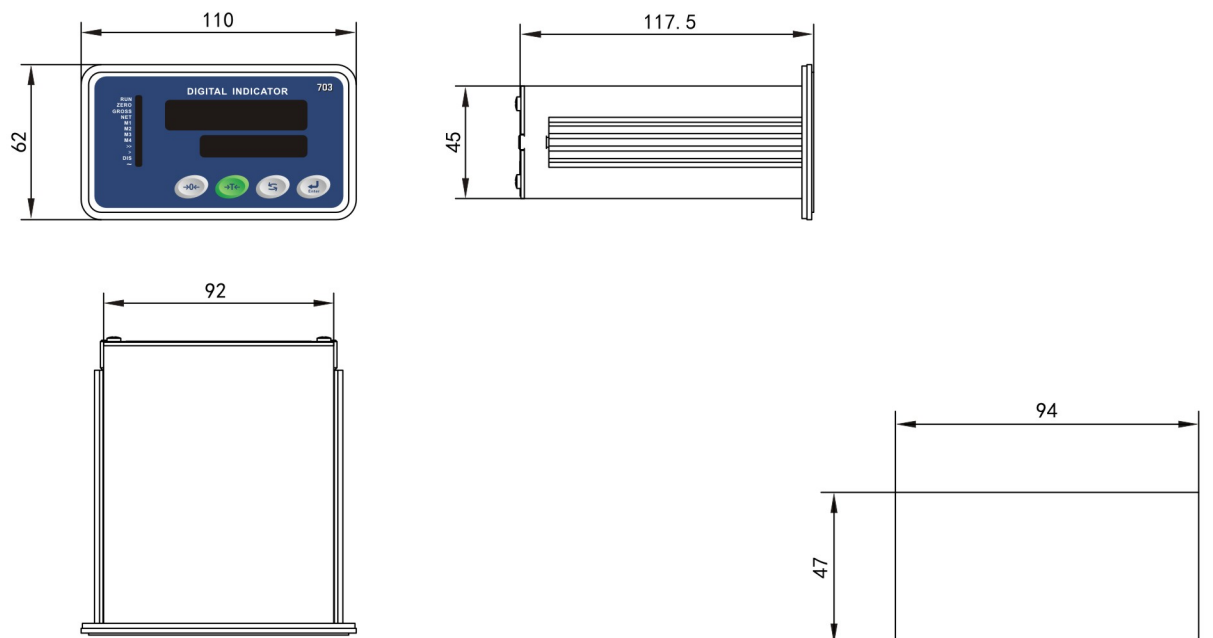
Specification:

- Dynamic detection, digital filtering technology, and automatic zero point tracking function.
- High precision and high performance A/D conversion, effective A/D conversion rate of 300 times/s.
- Multiple dosing modes: 1~4 material incremental dosing modes, single material reduction dosing modes and free preset point modes.
- Automatic feeding automatic unloading, automatic feeding manual unloading, manual feeding automatic unloading and manual feeding manual unloading and other working modes.
- With advance automatic correction function.
- MT technology and EMC, RFI, environment (low temperature -40°C, high temperature +80°C), impact, drop and other tests, greatly improve the stability and reliability of the product.
- Support a variety of communication data formats: continuous output format, command output format, ModBus RTU format, etc.
- Standard Serial port: RS485 or RS232
- Optional: ProfiBus DP bus / 16 bit analog / 4-in 8-out input/output.
- Support remote fault diagnosis and software upgrade functions.

Technical parameter

Accuracy	C3, n=6000
Input signal range	-19mV ~ +19mV
Nonlinearity	≤0.01%F.S
Number of load cells	1~8pcs 350Ω load cell
Power supply	DC: 5V; 350mA
Connecting way	6-wire system, long wire automatic compensation
Display	Dual display: upper display 6-bit 0.4" red LED, lower display 6-bit 0.29", multi-section column cursor
Division	1/2/5/10/20/50/100 optional
Analog quantity	16-bit analog interface (4~20mA, 0~20mA, 0~24mA, 0~5V, 0~10V)
Keyboard	With 4 tap keys
Communication interface	Serial RS232/RS485(either one); Baud rate 600 ~ 115200 optional
Print interface	Shared with serial port, can connect to serial printer
Relay output	Standard 4 channels, optional 12 channels. Contact capacity AC: 2A/250V DC: 2A/30
A/D sampling rate	240 times/s
Using power	DC24V
Working temperature, humidity	0 ~ 40°C; ≤90%RH
Storage temperature	-20 ~ 50°C
Dimension	Case: 110×62×117.5(mm) Panel: 110×62×2(mm)

Outline dimension(mm):



Installation hole dimension

Applications:

Interface configuration:

Standard:

1 RS485 or 1 RS232; MODBUS

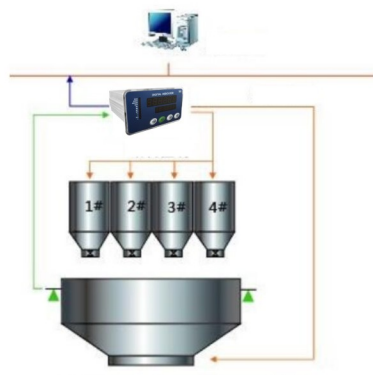
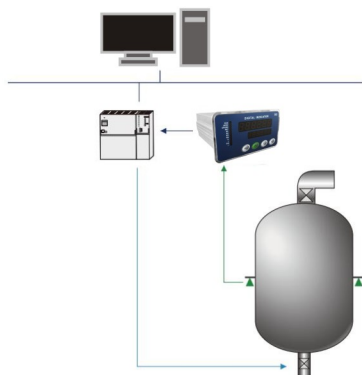
1 input and 4 output

Optional:

PROF I BUS

Analog 4 ~ 20mA/0 ~ 5V/0 ~ 10V

4 inputs and 8 outputs



Weighing Controller

Model: HL705



Rail mounted, aluminium alloy case

MODBUS RTU、ANALOG OUTPUT、
RS485/RS232、I/O



Application:

The process control weighing instrument has the characteristics of high speed and efficiency, complete functions, reliability and stability, fully reflecting the leading product technology and exquisite manufacturing process of Hongli Company. Can meet the complex and harsh industrial weighing control requirements. Suitable for multiple control scenarios such as weighing and measuring display, packaging, filling, and batching in hazardous chemical environments.

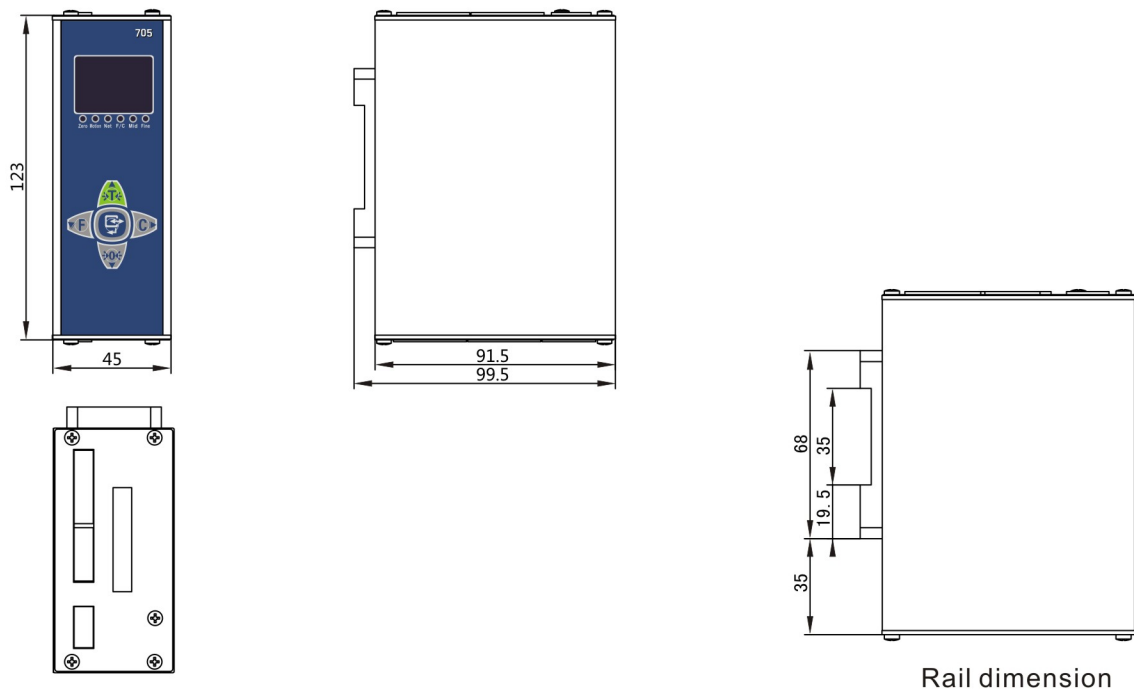
Specification:

- Double row 6-digit 0.25"LED segment code display
- Supports access to 1 analog weighing platform, with a maximum of 12pcs 350Ω load cells
- PLC communication interface options
- 1 channel (16-bit precision DAC) analog output, the type can be switched through the menu 4~20mA/0~20mA/0~24mA/0~5V/0~10V
- 2 isolated inputs, 3 relay outputs
- Multiple calibration modes:
 - Supports up to 3 point weight calibration
 - Weightless calibration
 - Remote calibration through PLC .communication interface
- Support applications:
 - Basic weighing version
 - Supports dual speed preset point control and optional 8 simple comparison outputs
 - Lower/upper limit material level detection
- The working power supply supports DC 24VDC $\pm 5\%$, and the maximum power consumption of the entire machine is less than 6W

Technical parameter:

Switching power supply	DC24V $\pm 5\%$
Working temperature	-10°C ~ 40°C
Humidity	$\leq 90\%$ R.H
Nonlinearity	$\leq 0.01\%$ F.S
Installation method	35mm guide rail installation
Power dissipation	6W
Load cell Power supply	DC: 5V 200mA(MAX)
Load cell interface	long wire automatic compensation
Input impedance	10MΩ
Display	Double row 6-digit LED
Zero adjustment range	0.00-12mV(3mV/V load cell)
Input sensitivity	0.1μV/d
Input range	0.00~ 15mV(3mV/V load cell)
Transform Mode	Sigma -Delta
A/D conversion speed	240 times/s
Gain drift	10PPM/°C
Maximum display accuracy	1/100000
Dimension	Case: 123.5×45×99.5(mm)

Outline dimension(mm)



Applications:

Interface configuration :

Standard:

RS485+RS232

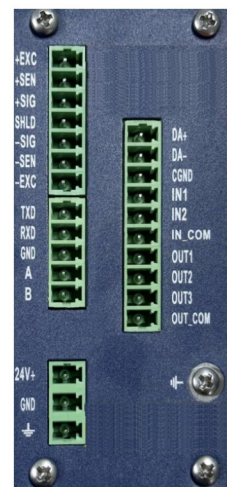
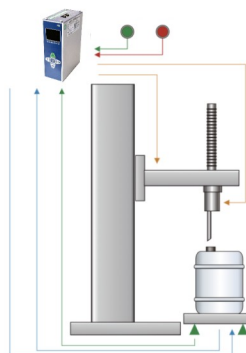
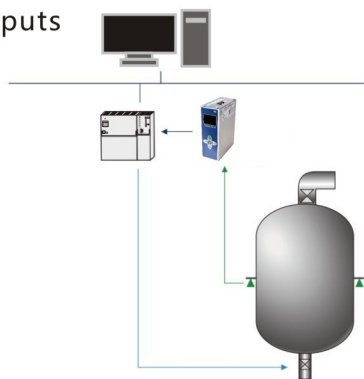
Optional :

Support 1 channel (16-bit precision DAC) analog output, type switch through the menu.

4~20mA/0~20mA/0~24mA/0~5V/0~10V

2 inputs with isolation

3 relay outputs



Weighing Controller

Model: HL706



Rail mounted, aluminium alloy case

PROFINET, PROFIBUS, MODBUS TCP, MODBUS RTU, ETHERNET/IP, CC-LINK, EtherCAT, TCP/IP, RS485/RS232, CANopen



Application:

The process control weighing instrument has the characteristics of high speed and high efficiency, complete functions, reliable and stable, which can meet the complex and harsh industrial weighing control needs, and is suitable for many control occasions such as weighing and measuring display, packaging, filling and batching in chemical dangerous occasions with narrow space and difficult wiring.

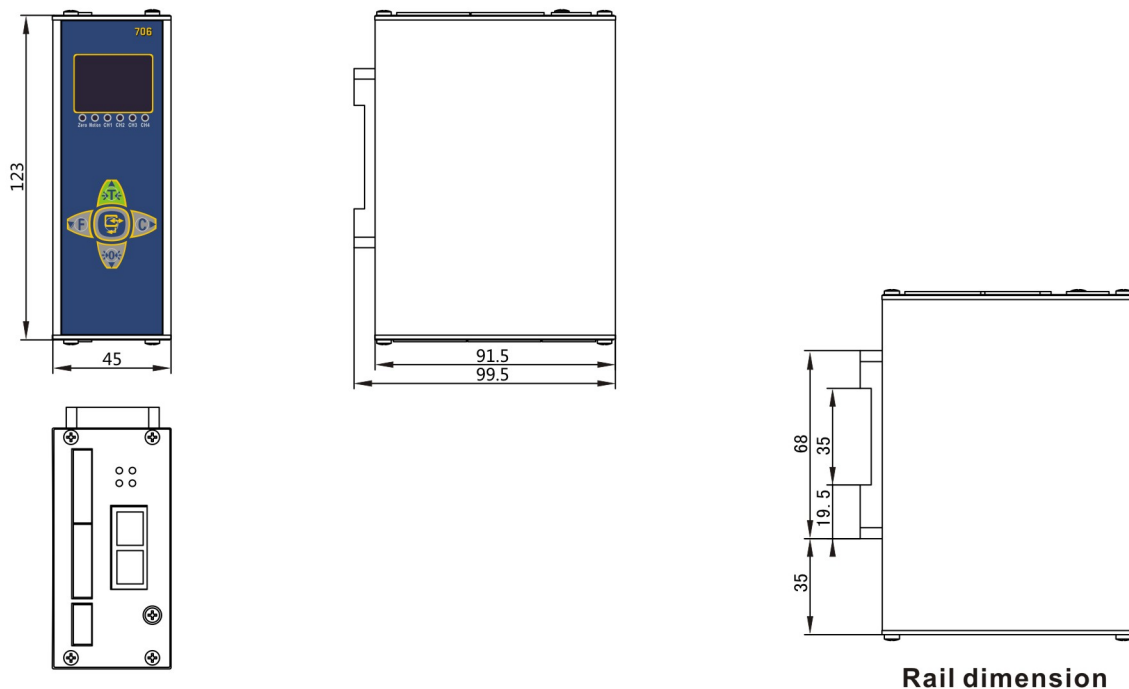
Specification:

- With the function of 4 single channel meters, saving space
- Optional 1-4 load cell interfaces, each supporting up to 6 load cells
- PLC Communication interface option
- PROFINET (Dual network port, built-in switch, Siemens PLC)
- EtherNet/IP (Dual network port, built-in switch, Rockwell PLC, Delta PLC)
- EtherCAT, MODBUS-TCP (Network port version only)
- PROFIBUS-DP (Siemens PLC), CANopen, CC-link (Mitsubishi PLC)
- Multiple calibration modes:
 - Supports up to 3 point weight calibration
 - Weightless calibration
 - Remote calibration through PLC communication interface
- Support applications:
 - Basic weighing version
 - Supports dual speed preset point control and optional 8 simple comparison outputs
 - Lower/upper limit material level detection
- The working power supply supports DC 24VDC $\pm 5\%$, and the maximum power consumption of the entire machine is less than 6W

Technical parameter:

Switching power supply	DC24V $\pm 5\%$
Working temperature	-10°C ~ 40°C
Humidity	$\leq 90\%$ R.H
Nonlinearity	$\leq 0.01\%$ F.S
Installation method	35mm guide rail installation
Power dissipation	6W
Load cell Power supply	DC: 5V 200mA(MAX)
Load cell interface	6-wire system, long wire automatic compensation
Input impedance	10M Ω
Display	Double row 6-digit LED
Zero adjustment range	0.00-12mV(3mV/V load cell)
Input sensitivity	0.1uV/d
Input range	0.00-15mV(3mV/V load cell)
Transform Mode	Sigma -Delta
A/D conversion speed	240 times/s
Gain drift	10PPM/°C
Maximum display accuracy	1/100000
Dimension	Case: 123.5 $\times$ 45 $\times$ 99.5(mm)

Outline dimension(mm):



Applications:

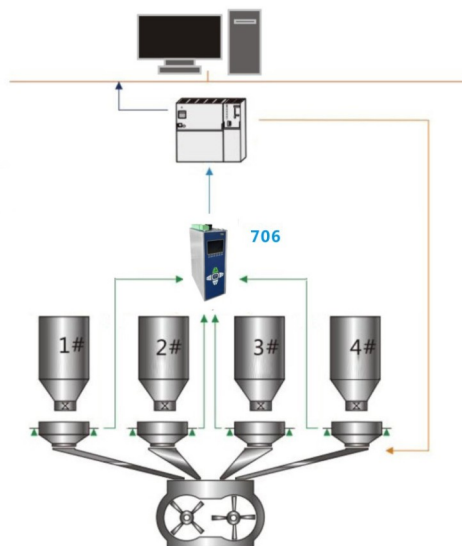
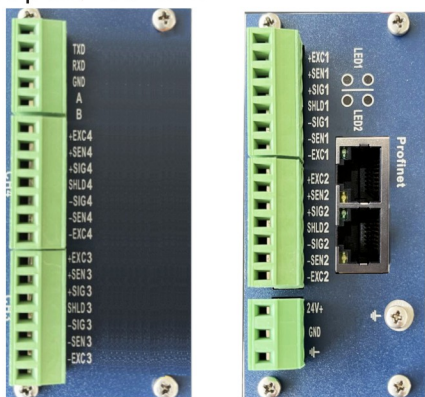
Interface configuration :

Standard:

RS485+RS232

Optional :

Single network port, supports MODBUS TCP
Dual network ports, PROFINET, EtherNet/IP,
EtherCAT, MODBUS-TCP, PROFIBUS-DP(Siemens I
CANopen, CC-link



Weighing Controller

Model: HL707



Specification:

- 6 digits 0.56" LED display
- Support 1 analog scale platform access, up to 12 load cells supported
- CPA 6000e certification accuracy, supporting up to 150000 display divisions
- Standard 1 RS232 or RS485, supporting MODBUS-RTU
- Optional Ethernet port, supporting MODBUS-TCP
- PLC communication interface options
 - PROFIBUS-DP (Siemens PLC)
 - PROFINET (Dual network port, built-in switch, Siemens PLC)
 - EtherNet/IP (Dual network port, built-in switch, Rockwell PLC, Delta PLC)
 - CC-link (Mitsubishi PLC)
 - 1 channel (16-bit precision DAC) analog output type can be switched by parameters, 4~20mA/0~20mA/0~24mA/0~5V/0~10V
- Input/output interface
 - One input with photoisolation and two transistor outputs with photoisolation
- Multiple calibration modes
 - Supports up to 3 point weight calibration.
 - Weightless calibration.
 - Remote calibration through PLC communication interface
- Support applications:
 - Basic weighing version.
 - Supports dual speed preset point control and optional 8 simple comparison outputs.
 - Lower/upper limit material level detection.
- The working power supply supports DC 24VDC $\pm 5\%$, and the maximum power consumption of the entire machine is less than 6W.

Stainless steel panel, aluminium alloy housing

PROFINET, PROFIBUS, MODBUS TCP, MODBUS RTU, ETHERNET/IP, CC-LINK, EtherCAT, TCP/IP, ANALOG OUTPUT, RS485/RS232

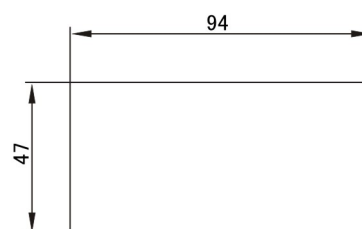
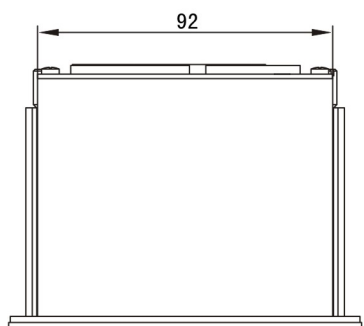
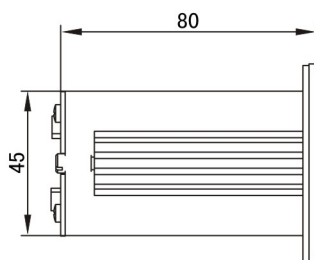
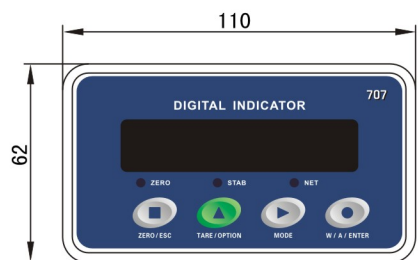


Application:
The process control weighing instrument has the characteristics of high speed and high efficiency, complete functions, reliable and stable, which can meet the complex and harsh industrial weighing

Technical parameter:

Switching power supply	DC24V $\pm 5\%$
Working temperature	-10°C ~ 40°C
Humidity	$\leq 90\%R.H$
Nonlinearity	$\leq 0.01\%F.S$
Power dissipation	6W
Load cell Power supply	DC: 5V 200mA(MAX)
Load cell interface	6-wire system, long wire automatic compensation
Input impedance	10M Ω
Display	6-digits red LED
Zero adjustment range	0.00-12mV(3mV/V load cell)
Input sensitivity	0.1 $\mu V/d$
Input range	0.00-15mV(3mV/V load cell)
Transform Mode	Sigma -Delta
A/D conversion speed	15、30、60、120、240、480、960 times/s
Gain drift	10PPM/°C
Maximum display accuracy	1/10000
Dimension	Case: 110 $\times$ 62 $\times$ 80(mm)

Outline dimension(mm):



Installation hole dimensions

Applications:

Interface configuration :

Standard:

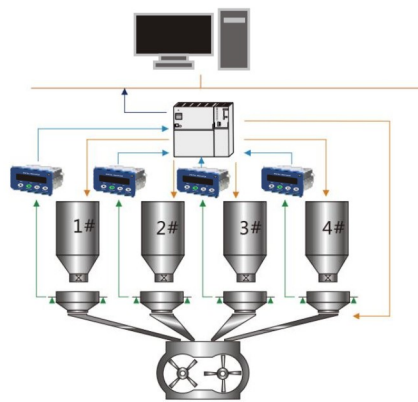
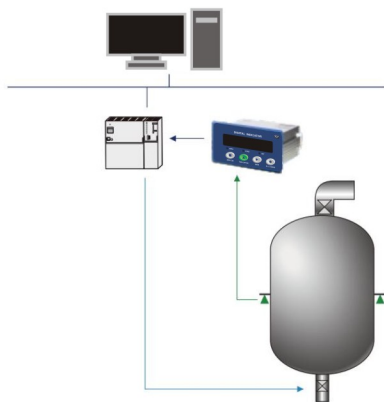
RS485 / RS232

Optional :

Single network port, MODBUS TC, PROFINET, ETHERNET/IP, ETHER CAT, CC - LINK

Analog interface : optional

4~20mA/0~20mA/0~24mA/0~5V/0~10V



Weighing Controller

Model: HL202

Please visit our website for digital information. Scan this QR Code:



Stainless steel panel,
Aluminium alloy case
MODBUS RTU, RS232



Application:

Mainly aimed at high-precision and important control occasions of dry powder machines

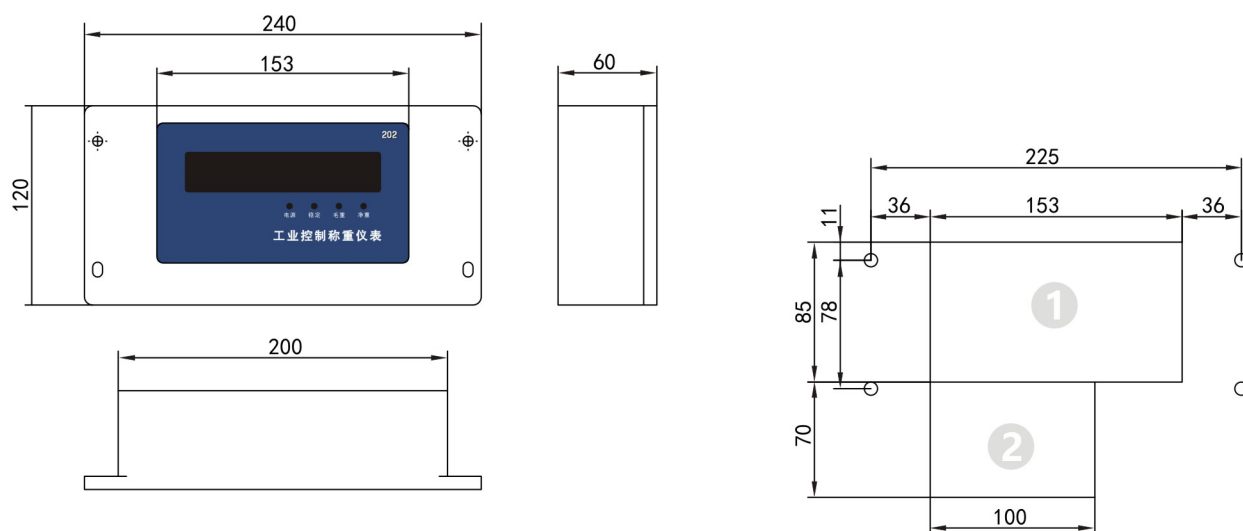
Specification:

- 6 digits 0.8" LED display
- Standard RS232 interface
- High precision A/D conversion, readability up to 1/30000
- Inter-parameter rapid preservation and rapid recovery
- No need to recalibrate when replacing, just enter the parameters of the original indicator
- Large screen display output
- Can be connected to a serial printer, manual or automatic printing is optional
- Equipped with tare function
- AD/data can be changed as needed
- Multiple operation information and error information promote
- Print unit selection: kg, t, g, lb
- Strong anti-interference ability and high reliability

Technical parameter:

Accuracy	C3, n=3000
Input signal range	-19mV ~ +19mV
Nonlinearity	≤0.01%F.S
Number of load cells	1~8pcs 350Ω load cell
Power supply	DC: 5V; 350mA
Connecting way	6-wire system, long wire automatic compensation
Display	Upper 6-bit 0.8" red LED, lower 9-bit 0.56" red LED
Division	1/2/5/10/20/50/100 optional
Keyboard	4 keyboards
Communication interface	Serial RS232; Baud rate 600 ~ 19200 optional
Print interface	Shared with serial port, can connect to serial printer
ACD	240/s
Using power	AC 187 ~ 242V, 50/60Hz 1A
Working temperature, humidity	-10°C ~ 40°C; ≤90%RH
Storage temperature	-20°C ~ 50°C
Dimension	Case: 240×60×120(mm) Panel: 240×120×3(mm)

202 Outline Dimension(mm)



202 Applications:

Interface configuration

Standard: 1 RS232, MODBUS RTU

