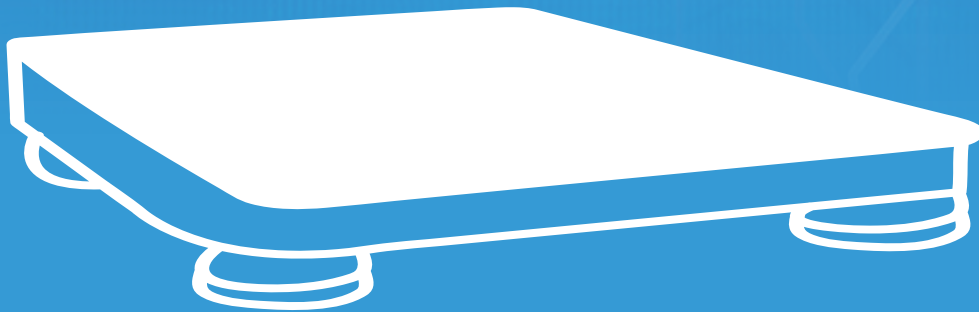


EXCELL PRECISION PRODUCT CATALOG

Leading the Way in High-Tech
Scale-IoT® Innovation



EXCELL®
Since 1979

EXCELL PRECISION CO., LTD.

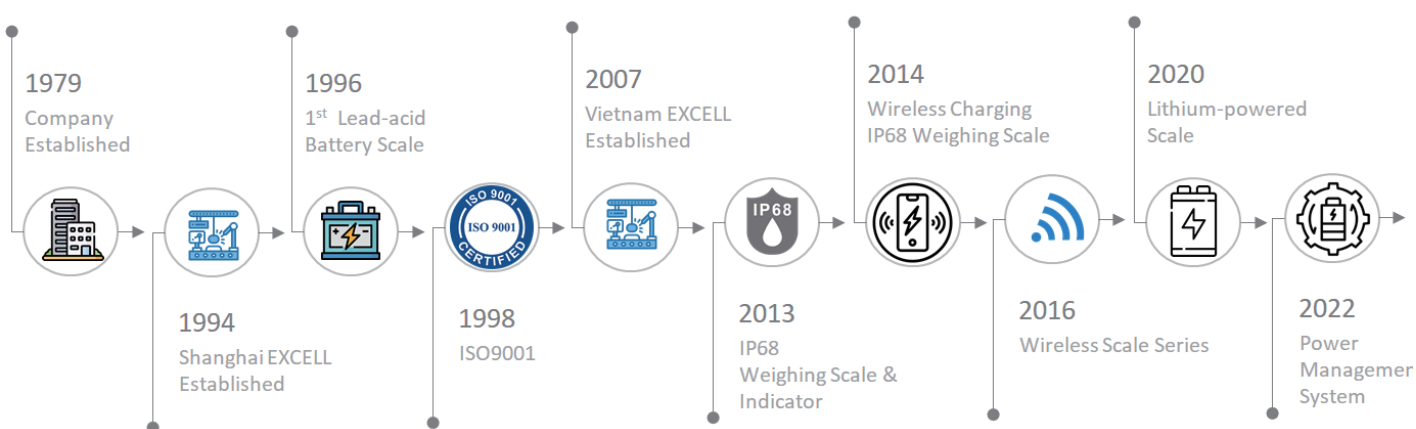
About EXCELL

Founded in 1979, EXCELL Precision is a global leader in manufacturing precision instruments for laboratory, industrial, and retail applications. Headquartered in Taiwan, our R&D team is renowned for its mechanical, electronic, and software design expertise, making us a top-tier OBM/ODM/OEM provider globally.

Distinguished by our commitment to research and development, we ensure our products meet rigorous performance standards while remaining competitively priced.

Our extensive product range, exported to over 150 countries, includes precision balances, controllers, weighing indicators, bench scales, and retail solutions.

At EXCELL, we embrace Industry 4.0 trends, integrating IoT, AI, big data, robotics, and automation into our solutions. This enables us to support smart manufacturing and the establishment of intelligent factories while prioritizing user and customer satisfaction through seamless integration and exceptional performance.



Brand Story

- **Inception:** Founded in 1979, EXCELL Precision set out to redefine the weighing industry with cost-effective solutions.
- **Brand Essence:** Our logo's fusion of "EX" for excellence and "CELL" for load cell technology symbolizes our commitment to top-tier quality and innovation.
- **Pioneering Spirit:** Mastering core technologies, we've earned global acclaim for delivering precision and reliability in every product.
- **Global Leader:** EXCELL's relentless pursuit of excellence has made us a trusted name worldwide, synonymous with precision and quality.

Certification



VCAP

SGS



UK
CA

All product manufactured and sold by EXCELL are covered by a US\$1,000,000 Product Liability Insurance Coverage. EXCELL reserves the right to improve, enhance or modify features and specifications without prior notice.

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Price Computing Scales



Price Computing Scales

AM3/AM4

Price Computing Scales



Features

- 1/3,000 display resolution (Multi-range available)
- Low power and charging status indication
- Faster weighing stability
- Faster zero return Zero key and Tare react faster Digital calibration

Non-approval Model:

1/3,000 up to 1/6,000 display resolution, weighing modes Up to 99 data accumulation and 25 data recall

Approval Model:

1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	1 / 2 / 5 / 10 g
Power	AM3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery AM4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 14mm height
Platter Size	280 × 230mm(W x D)
Dimensions	275 × 105 × 310mm(W × H × D)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)



FD3-P/FDP3-P

FD4-P/FDP4-P

Price Computing Scales



Features

- Vendor side display at front and customer side display
- one display on tower or double displays on tower

Non-approval Model:

1/3,000 up to 1/6,000 display resolution, weighing modes Up to 99 data accumulation and 25 data recall

Approval Model:

1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	1 / 2 / 5 / 10 g
Power	FD3-P/FDP3-P: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery FD4-P/FDP4-P: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 18mm height
Platter Size	300 × 225mm(W x D)
Dimensions	FD3-P/FD4-P: 300 x 110 x 330 mm (W x H x D) FDP3-P/FD4-P: 300 x 530 x 330 mm (W x H x D)



FD3-P-6PS/FD4-P-6PS

Price Computing Scales



Features

- 6 direct preset memory keys
- Bright LCD displays with LED backlight
- Overload protection design
- Enclosed with adjustable feet, bubble level, dust cover, rechargeable battery and power cord
- Tare function
- Low battery and charging status indications
- Special power switch design to prevent moisture getting inside the scale

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	1 / 2 / 5 / 10 g
Power	FD3-P-6PS: AC 110V/230V (±10%) +DC 6V/4 Ah rechargeable battery FD4-P-6PS: AC 100 ~ 240V (±10%) +DC 6V/4 Ah rechargeable battery
Display	LCD 5/5 / 6 18mm height
Platter Size	300 × 225mm(W x D)
Dimensions	345x 106 x 297 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



Price Computing Scales

SA3-P/ SAP3

Price Computing Scales



Features

- Bright LCD displays with LED backlight
- Overload protection design
- Enclosed with adjustable feet, bubble level, dust cover, rechargeable battery and power cord
- Tare function
- Low battery and charging status indications

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	1 / 2 / 5 / 10 g
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 5/5 / 6 18mm height
Platter Size	290 × 220mm(W x D)
Dimensions	345x 106 x 297 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



GRP3-35

Price Computing Scales



Features

- 35 direct PLU keys
- High Speed 24bits AD
- Faster display Reading Speed
- Faster weighing stability and zero return double displays on tower

Non-approval Model:

1/3,000 up to 1/6,000 display resolution, weighing modes Up to 99 data accumulation and 25 data recall

Approval Model:

1/3,000 display resolution, single range or multi-range

Specification

Capacity	6 / 15 / 30 Kg
Division	2 / 5 / 10 g
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 14mm height
Platter Size	318 x 255mm (W x D)
Dimensions	315 x 535 x 353 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



GE3/GEP3/GE4/GEP4

Price Computing Scales



Features

- LCD displays with LED backlight
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key react faster

Non-approval Model:

1/3,000 up to 1/6,000 display resolution, weighing modes Up to 99 data accumulation and 25 data recall

Approval Model:

1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	1 / 2 / 5 / 10 g
Power	GE3/GEP3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery GE4/GEP4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 14mm height
Platter Size	318 × 255mm (W x D)
Dimensions	GE3: 315 × 115 × 353mm(W × H × D) GEP3: 315 × 535 × 353mm(W × H × D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



Price Computing Scales

GR3/GRP3

Price Computing Scales



Features

- LCD display with LED backlight vendor and customer display sides
- Vendor display side and display on tower
- Auto backlight off
- Easily adjustable feet to reach level

Non-approval Model:

1/3,000 up to 1/6,000 display resolution, weighing modes
Up to 99 data accumulation and 25 data recall

Approval Model:

1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	1 / 2 / 5 / 10 g
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 14mm height
Platter Size	318 × 255mm(W x D)

Dimensions

GR3: 315 × 115 × 353mm(W × H × D)

GRP3: 315 × 535 × 353mm(W × H × D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)



JBLP3-35

Price Computing Scales



Features

- 35 direct preset memory keys
- Up to 99 data accumulation and 99 data recall
- High speed 24bits AD; Display reading speed faster
- 1/3,000 display resolution
1/6,000 display resolution (multi-range)
- IP degree wash down design
IP Grade IPX6
- Options RS232 for serial printer output

Specification

Capacity	6 / 15 / 30 / 60 Kg
Division	2 / 5 / 10 / 20 g
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 14mm height
Platter Size	334 x 254mm (W x D)

Dimensions

334 x 535 x 353 mm (W x H x D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

TBLP-35

Price Computing Scales



Features

- 35 direct preset memory keys
- Up to 99 data accumulation and 99 data recall
- High speed 24bits AD; Display reading speed faster
- 1/3,000 display resolution
1/6,000 display resolution (multi-range)
- IP degree wash down design
IP Grade IPX6
- Options RS232 for serial printer output

Specification

Capacity	6 / 15 / 30 / 60 Kg
Division	2 / 5 / 10 / 20 g
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 5 / 5 / 6 14mm height
Platter Size	400 × 300mm

Dimensions

400 × 510 × 399mm (W × H × D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

Price Computing Indicator

FB510

Price Computing Indicator



Features

- 1/3,000 display resolution available
- 9 preset unit price
- Built-in mini printer (date and time available)

Ribbon Cassette

Approx. 7×10^3 lines

(25°C continuous printing)

Print Speed

1.0 lps $\pm$ 20% [lps : lines per second]

Printer Head Reliability

MCBF 10×10^5 lines

Specification

Power	AC 110V/220V ($\pm 10\%$)
	DC 6V/4 Ah rechargeable battery



Display	LCD 6 / 5 / 6
	25mm height



Dimensions

276 X 172 X 153mm (L x W x H)

276 X 202 X 153mm (L x W x H)

(Including double-sided display)



Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

Options

Double-sided display
Mounting bracket
RS-232 interface

AP3/AP4

Price Computing Indicator



Features

- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return

Non-approval Model:

1/3,000 up to 1/6,000 display resolution, weighing modes
Up to 99 data accumulation and 25 data recall

Approval Model:

1/3,000 display resolution, single range or multi-range

Specification

Power	AP3: AC 110V/230V ($\pm 10\%$)
	DC 6V/4 Ah rechargeable battery



Power	AP4: AC 100 ~ 240V ($\pm 10\%$)
	DC 6V/4 Ah rechargeable battery



Display	LCD 6 / 6 / 6
	14mm height

Dimensions

280 x 220 x 117mm (W x H x D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

Options

Second display
RS232 for PC or serial printer output

SB3-P

Price Computing Scales



Features

- Enclosed with indicator dust cover, rechargeable battery and power cord
- Tare function
- Money return calculation of a trade balance
- Up to 99 data accumulation and 25 recalls
- Low battery and charging status indications
- OIML approval model available with 1/3,000 display resolution (Certificate no.: T6262/TC6304)

Specification

Power	AC 110V/220V ($\pm 10\%$)
	DC 6V/4 Ah rechargeable battery



Display	Bright LCD displays with LED backlight
	13/13/18mm height



Dimensions

176 x 156 x 164 mm (W x H x D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

Options

RS232 for PC or serial printer output

Price Computing Bench Scales

KFB510/JFB510

Price Computing
Bench Scale



Features

- High speed 24bits AD; Display reading speed faster
- Up to 99 data accumulation and 25 data recall
- Zero key and Tare key react faster
- Mini printer built-in for KFB510
- OIML approved models available for 1/3,000 display resolution
- Non-approval models available for 1/6,000 display resolution

Specification

Capacity	6 / 15 / 30 / 60 Kg
Division	2 / 5 / 10 / 20 g
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 5 / 6 25mm height

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

Platter Size

KFB510 : 322X242mm (IPX6)
JFB510 : 334X254mm (IPX5)



KAP3/JAP3/KAP4/JAP4

Price Computing
Bench Scale



Features

- High speed 24bits AD; Display reading speed faster
- Up to 99 data accumulation and 25 data recall
- Zero key and Tare key react faster
- Mini printer built-in for KFB510
- OIML approved models available for 1/3,000 display resolution
- Non-approval models available for 1/6,000 display resolution

Specification

Capacity	6 / 15 / 30 / 60 Kg
Division	2 / 5 / 10 / 20 g
Power	AP3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery AP4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 25mm height

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

Platter Size

KAP3 : 322X242mm (IPX6)
JAP3 : 334X254mm (IPX5)

TAP3 / DAP3 / LAP3 / FAP3 TAP4 / DAP4 / LAP4 / FAP4

Price Computing
Bench Scale



Features

Non-approval Model:
1/3,000 up to 1/6,000 display resolution, weighing modes
Up to 99 data accumulation and 25 data recall

Approval Model:
1/3,000 display resolution,
single range or multi-range

Platter Size

TAP3: 300 x 400mm
DAP3: 420 x 520mm
LAP3: 460 x 600mm
FAP3: 420 x 520mm

Specification

Capacity	30kg *10g (TAP3 / FAP3) 60kg *20g (TAP3 / FAP3 / DAP3 / LAP3) 120kg*50g (TAP3 / FAP3 / DAP3 / LAP3) 150kg*50g (TAP3 / FAP3 / DAP3 / LAP3) 300kg*100g (FAP3 / DAP3 / LAP3) 600kg*200g (LAP3)
Power	TAP3 / DAP3 / LAP3 / FAP3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery TAP4 / DAP4 / LAP4 / FAP4: AC 100 ~ 240V (±10%) or DC 6V/4 Ah rechargeable battery
Display	LCD 6 / 6 / 6 14 mm height

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)



Weighing Scale



SUB / SUB ^{Both IP68 & IP69 Rating} AirCharge

Conquering High Pressure, Defying High Temperature



SUB / SUB Aircharge

- High-Quality Food-Grade Stainless Steel 304 Material, the Top Choice for Agricultural, Livestock, and Seafood Processing
- Futuristic Streamlined Design, Lightweight and Portable. Integrated Bottom Design for Easy Cleaning
- Powered by Lithium Battery 18650, Aligning with Environmental and Social Trends
- Exclusive Energy-Saving Patent, Maximizing Performance with Single-cell Lithium 18650 Type
- Exclusive Power Protection Device, Eliminating Concerns of Overcharging & Overdischarging Risks
- Plastic Materials with UL 94 V0 Flammability Rating Standard Ensuring User Safety

Weighing Scale IP69 / IP68 Waterproof

SUB

IP69 / IP68
Waterproof Weighing



304 Stainless

Features

- High inner wall design and sealed strip block water entering into the scale
- Brightness adjustment function make it easier to save power
- Check weighing High/Low/OK function
- Waterproof mechanical switch keys

Specification

Capacity	3 / 3 / 6 / 6 / 15 / 15 Kg
Division	0.5 / 1 / 1 / 2 / 2 / 5 g
Power	AC 100V~240V (±10%) adapter+ 3.7V 3200mA (18650 LI-Ion battery)
Display	6 digits, 25mm height (LCD Display) 6 digits, 21mm height (LED Display)
Platter Size	195 x 170 mm
Dimensions	196 x 100 x 275 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



SUB Aircharge

IP69 / IP68
Waterproof Weighing



304 Stainless

Features

- Wireless charging safer and longer life than DC Jack
- High inner wall design and sealed strip block water entering into the scale
- Brightness adjustment function make it easier to save power
- Check weighing High/Low/OK function
- Waterproof mechanical switch keys

Specification

Capacity	3 / 3 / 6 / 6 / 15 / 15 Kg
Division	0.5 / 1 / 1 / 2 / 2 / 5 g
Power	12V/1.5A (15W) output QI TX module + 3.7V 3200mA (18650 LI-Ion battery)
Display	6 digits, 25mm height (LCD Display) 6 digits, 21mm height (LED Display)
Platter Size	195 x 170 mm
Dimensions	196 x 100 x 275 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



Weighing Scale IP68 Waterproof

ELW Plus / ESW Plus Waterproof Weighing



ELW Plus **ABS Plastic**
ESW Plus **304 Stainless**

Features
• IP68 certified by SGS • EU-TYPE EXAMINATION CERTIFICATE : Number T10896 • 1/3,000 to 1/6,000 display resolution available • Sealed waterproof silica gel strip blocks water from infiltrating into the scale • Stainless steel made for anti-rust • Concave handle for easy carrying
Approval Model: 1/3,000 display resolution, single range or multi-range

Specification	
Capacity	3 / 6 / 15 / 30 Kg
Division	0.5 / 1 / 5 / 5 g
Power	AC 100V~240V (±10%) adapter + DC 6V / 4Ah rechargeable battery
Display	6 digits, 25mm height, White LED backlight (LCD Display)
Platter Size	235 x 200 mm
Dimensions	
ELW ⁺ : 270 x 124 x 310 mm (W x H x D)	
ESW ⁺ : 240 x 120 x 280 mm (W x H x D)	
Operating Temperature	
0°C ~ 40°C (32°F ~ 104°F)	



ELW-E Plus / ESW-E Plus Waterproof Weighing



ELW Plus **ABS Plastic**
ESW Plus **304 Stainless**

Features
• IP68 certified by SGS • EU-TYPE EXAMINATION CERTIFICATE : Number T10896 • 1/3,000 to 1/6,000 display resolution available • Sealed waterproof silica gel strip blocks water from infiltrating into the scale • Stainless steel made for anti-rust • Concave handle for easy carrying
Approval Model: 1/3,000 display resolution, single range or multi-range

Specification	
Capacity	3 / 6 / 15 / 30 Kg
Division	0.5 / 1 / 5 / 5 g
Power	AC 100V~240V (±10%) adapter + DC 6V / 4Ah rechargeable battery
Display	6 digits, 15mm height (LED Display)
Platter Size	235 x 200 mm
Dimensions	
ELW-E ⁺ : 270 x 124 x 310 mm (W x H x D)	
ESW-E ⁺ : 240 x 120 x 280 mm (W x H x D)	
Operating Temperature	
0°C ~ 40°C (32°F ~ 104°F)	



ELW Plus / ESW Plus Aircharge Aircharge Waterproof Weighing



ELW Plus **ABS Plastic**
ESW Plus **304 Stainless**

Features
• IP68 certified by SGS • EU-TYPE EXAMINATION CERTIFICATE : Number T10896 • 1/3,000 to 1/6,000 display resolution available • Sealed waterproof silica gel strip blocks water from infiltrating into the scale • Stainless steel made for anti-rust • Concave handle for easy carrying
Approval Model: 1/3,000 display resolution, single range or multi-range

Specification	
Capacity	3 / 6 / 15 / 30 Kg
Division	0.5 / 1 / 5 / 5 g
Power	12V/1.5A (15W) output QI TX module + 3.7V 6100mA (18650 dual battery)
Display	6 digits, 25mm height, White LED backlight (LCD Display)
Platter Size	235 x 200 mm
Dimensions	
ELW+ : 270 x 124 x 310 mm (W x H x D)	
ESW+ : 240 x 120 x 280 mm (W x H x D)	
Operating Temperature	
0°C ~ 40°C (32°F ~ 104°F)	



Weighing Scale IP68 Waterproof

ELW-E Plus ESW-E Plus Aircharge

Aircharge
Waterproof Weighing



ELW Plus ABS Plastic
ESW Plus 304 Stainless

Features

- IP68 certified by SGS
 - EU-TYPE EXAMINATION CERTIFICATE : Number T10896
 - 1/3,000 to 1/6,000 display resolution available
 - Sealed waterproof silica gel strip blocks water from infiltrating into the scale
 - Stainless steel made for anti-rust
 - Concave handle for easy carrying
- Approval Model:**
1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	0.5 / 1 / 5 / 5 g
Power	12V/1.5A (15W) output Qi TX module + 3.7V 6100mA (18650 dual battery)
Display	6 digits, 15mm height (LED Display)
Platter Size	235 x 200 mm
Dimensions	ELW-E ⁺ : 270 x 124 x 310 mm (W x H x D) ESW-E ⁺ : 240 x 120 x 280 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



ELW / ESW Dry

Dry Battery-powered
Waterproof Weighing



ELW Plus ABS Plastic
ESW Plus 304 Stainless

Features

- IP68 certified by SGS
 - Battery-powered and energy-efficient with up to 500 hours of operation
 - 1/3,000 to 1/6,000 display resolution available
 - Sealed waterproof silica gel strip blocks water from infiltrating into the scale
 - Concave handle for easy carrying
- Approval Model:**
1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	0.5 / 1 / 5 / 5 g
Power	4 x D size dry batteries (alkaline) (not included)
Display	6 digits, 25mm height, Green LED backlight (LCD Display)
Platter Size	235 x 200 mm
Dimensions	ELW Dry : 270 x 124 x 310 mm (W x H x D) ESW Dry : 240 x 120 x 280 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



ELW Max/ ESW Max

Energy-efficient
Battery-powered
Waterproof Weighing



ELW Plus ABS Plastic
ESW Plus 304 Stainless

Features

- IP68 certified by SGS
- Battery-powered and energy-efficient with up to 2000 hours of operation
- 1/3,000 to 1/6,000 display resolution available
- Sealed waterproof silica gel strip blocks water from infiltrating into the scale
- Concave handle for easy carrying

Specification

Capacity	3 / 6 / 15 / 30 Kg
Division	0.5 / 1 / 5 / 5 g
Power	4 x D size dry batteries (alkaline) (not included)
Display	6 digits, 25mm height, Green LED backlight (LCD Display)
Platter Size	235 x 200 mm
Dimensions	ELW Max : 270 x 124 x 310 mm (W x H x D) ESW Max : 240 x 120 x 280 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



Weighing Scale Lithium Powered Series

AXW

Lithium Powered
Weighing Scale



Features

- Up to 1/15,000 display resolution. High Speed 24bits AD
- Auto zero tracking and pre-tare
- Simple counting; Gross/Net indication; Hold function
- Weight and quantity over-limit warning
- Built-in power saving function to extend usage time
- 5 brightness setting selectable for LCD backlight
- Option RS232 interface

Specification

Capacity	3 / 7.5 / 15 / 30 Kg
Division	0.2 / 0.5 / 1 / 2 g
Power	AC 100V~240V (±10%) adapter + 18650 3.7V Lithium Ion battery
Platter Size	290 x 230mm (W x D)
Dimensions	297 x 106 x 345mm(WxDxH)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

FXW

Lithium Powered
Weighing Scale



Features

- Up to 1/15,000 display resolution. High Speed 24bits AD
- Auto zero tracking and pre-tare
- Simple counting; Gross/Net indication; Hold function
- Weight and quantity over-limit warning
- Built-in power saving function to extend usage time
- 5 brightness setting selectable for LCD backlight
- Option RS232 interface

Specification

Capacity	3 / 3 / 6 / 7.5 / 12 / 15 / 30 / 30 Kg
Division	0.2/0.5/1/0.5 / 2 / 1 / 2 / 5 g
Power	AC 100V~240V (±10%) adapter + 18650 3.7V Lithium Ion battery
Platter Size	300 x 225 mm (W x D)
Dimensions	300 x 110 x 330mm(WxDxH)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

NXW

Lithium Powered
Weighing Scale



Features

- Up to 1/15,000 display resolution. High Speed 24bits AD
- Auto zero tracking and pre-tare
- Simple counting; Gross/Net indication; Hold function
- Weight and quantity over-limit warning
- Built-in power saving function to extend usage time
- 5 brightness setting selectable for LCD backlight
- Option RS232 interface

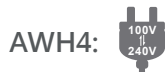
Specification

Capacity	3 / 7.5 / 15 / 30 Kg
Division	0.2 / 0.5 / 1 / 2 g
Power	AC 100V~240V (±10%) adapter + 18650 3.7V Lithium Ion battery
Platter Size	290 x 230 mm (W x D)
Dimensions	297 x 106 x 345mm(WxDxH)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)

Weighing Scale

AWH3/AWH4

Weighing Scale



Features

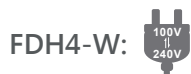
- High speed 24bits AD; Display reading speed faster
 - Faster weighing stability
 - Faster zero return
 - Zero key and Tare key react faster
 - Option RS232 interface
- Non-approval Model:**
1/3,000、1/6,000、1/15,000 up to 1/30,000 display resolution
- Approval Model:**
1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 3 / 6 /7.5 /15/15 /30/30 Kg
Division	0.1/0.2/0.2/0.5 /0.5/ 1 / 1 / 2 g
Power	AWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery AWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 digits; Height 28mm; LED back-light
Platter Size	280 x 230mm (W x D)
Dimensions	275 x 105 x 310mm(W × H × D)
Operating Temperature	Non-approval model: 0°C ~ 40°C (32°F ~ 104°F) Approval model: -10°C ~ 40°C (14°F ~ 104°F)

FDH3-W/FDH4-W

Weighing Scale



Features

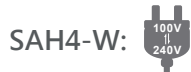
- Up to 1/30,000 display resolution
 - High speed 24bits AD for faster display speed
 - Faster weighing stability and zero return
 - Zero key and Tare key react faster
 - Option RS232 interface
- Non-approval Model:**
1/3,000、1/6,000、1/15,000 up to 1/30,000 display resolution
- Approval Model:**
1/3,000 display resolution, single range or multi-range

Specification

Capacity	3 / 3 / 6 /7.5 /12/15 /30/30 Kg
Division	0.2/0.5/1/0.5 /2 / 1 / 2 / 5 g
Power	FDH3-W: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery FDH4-W: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 digits; Height 28mm; LED back-light
Platter Size	300 x 225mm (W x D)
Dimensions	300 x 110 x 330mm(W × H × D)

SAH3-W/SAH4-W/WA2

Weighing Scale



Features

- Compact size
 - Preset weight or quantity; Weight accumulation
 - Simple counting; Gross/Net indication; Hold function; Check mode Lo / Hi / OK
 - Option RS232 interface
- Non-approval Model:**
1/3,000、1/6,000、1/15,000 up to 1/30,000 display resolution
- Approval Model:**
1/3,000 display resolution, single range or multi-range

Specification

Capacity	1.5 / 3 / 6 /7.5 /15 /30 Kg
Division	0.1 / 0.2 / 0.2 / 0.5 / 1 / 2 g
Power	SAH3-W: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery SAH4-W: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6 digits; Height 28mm; LED back-light
Platter Size	290 x 220mm (W x D)
Dimensions	275 x 105 x 310mm(W × H × D)

Weighing Scale

SI-130

Weighing Scale



Standard:
plastic platter
Option:
stainless platter

Features

- Up to 1/5,000 display resolution
- Large LCD display with LED backlight
- Kilogram (kg), gram (g), pound (lb) and ounce (oz) weighing modes
- Full range tare; Auto-zero tracking; Adjustable gravity value

Specification

Capacity	2.5 / 5 / 10 / 15 Kg
Division	0.5 / 1 / 2 / 5 g
Power	Adaptor DC 12V or 4 x UM-2 1.5V dry battery (not included)
Platter Size	196 x 174mm (Plastic platter) 198 x 176mm (Steel platter)
Dimensions	213 x 80.4 x 284mm (W x H x D)
Display	LCD 5 1/2 Digits; 18mm (Height); LED backlight(Optional)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

SI-132

Weighing Scale



Features

- 1/30,000 display resolution
- Digital calibration
- Large LCD display with LED backlight
- Kilogram (kg), gram (g), pound (lb) and ounce (oz) weighing modes
- Full range tare; Auto-zero tracking; Adjustable gravity value
- Low power indication and auto power off

Specification

Capacity	1.5 / 3 / 6 / 15 Kg
Division	0.05 / 0.1 / 0.2 / 0.5 g
Power	Adaptor DC 12V or 4 x UM-2 1.5V dry battery (not included)
Platter Size	196 x 174mm (Plastic platter) 198 x 176mm (Steel platter)
Dimensions	213 x 81.2x 284mm (W x H x D)
Display	LCD 6 Digits; 18mm (Height); LED backlight
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

TAW

Weighing Scale



Features

- AC/DC compatible: Power cord or batteries supported.
- Various Functions: Fast and accurate weighing, simple counting, HI/LO/OK weight check, full-range tare
- Other considerate designs: Large LCD screen with backlight, auto power off, auto calibration, low battery alarm, dual overload protections, and light weight.

Specification

Capacity	3 / 7.5 / 15 Kg
Division	0.2 / 0.5 / 1 g
Power	AC 110V/220V (±10%) + DC 6V/10AH rechargeable battery
Platter Size	232x184mm (stainless steel platter optional)
Dimensions	230 x 260 x 98mm(WxDxH)

Weighing Scale

KPS

Weighing Scale



Features

- Up to 1/5,000 display resolution
- Auto calibration
- Units: g / ozt/ dwt / lb / oz
- Full range tare; Auto zero tracking
- Low power indication and auto power off

Specification

Capacity	0.5 / 1 / 2 Kg
Division	0.1 / 0.2 / 0.5 g
Power	Adaptor DC 9V or 9V 100mA dry battery x 1(not included)
Display	LCD 5 digits
Platter Size	135 x 135 mm
Dimensions	138 x 45 x 190 mm (W x H x D)

BH3

Precision Balance



Features

- 1/30,000 and 1/60,000 display resolutions available
- Digital calibration
- LCD display with LED back light, more durable, more energy saving
- Auto zero tracking, double overload protection
- Weighing, counting and percentage modes
- Adjustable gravity value
- Selectable default weighing units

Specification

Capacity	150 / 300 / 600	1200 / 3000 g
Division	0.005/ 0.01/ 0.02 (Round)	0.02 / 0.05 g (Square)
Power	Adaptor DC 12V or 4 x UM-2 1.5V dry battery (not included)	
Display	LCD 6 1/2 Digits; 16mm (Height); LED backlight	
Platter Size	Round: Ø116mm Square: 144 x 124 x 6.5mm (1200g / 3000g)	
Dimensions	175 x 56 x 226 mm (W x H x D)	
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)	

KFM-130

Weighing Indicator



Features

- 1/30,000 and 1/75,000 display resolutions available
- Flexible and Various Combinations
- Indicator and platform can be seperated or together
- ABS housing and TYPE 304 stainless steel platter
- IP X5 wash down design
- Drainage channel design underneath the platter to prevent water running into the platform

Specification

Capacity	30 / 60 / 75 Kg
Power	Adaptor DC 12V or 4 x UM-3 1.5V dry battery (not included)
Display	LLCD 6 digits; height 25mm
Platter Size	322x 242mm (W x D)
Dimensions	Platform: 322 x 242 x 100mm Indicator : 225X134.5X60mm
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

Weighing Scale

FM-130

Weighing Scale



Features

- 1/3,000 display resolution
- Weighing units available in kg, g, lb, and oz
- Quick weighing function, simple counting (pcs) function, and hold function
- Auto zero tracking; Adjust able gravity value

Specification

Capacity	30 / 60 Kg
Division	10 / 20 Kg
Power	Adaptor DC 12V or 4 x UM-3 1.5V dry battery(not included)
Display	LCD 5 1/2 Digits; 25mm(Height); LED backlight(Optional)
Platter Size	300 x 350mm
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

FM-VET

Weighing Scale



Features

- 1/3,000 display resolution
- Weighing units available in kg and lb
- Faster weighing stability and zero return
- Auto-zero tracking; Adjustable gravity valueer
- Low power indication and auto power off
- Desk mount indicator
- Animal scale function

Specification

Capacity	150 / 300 Kg
Division	50 / 100 Kg
Power	Adaptor DC 12V or 4 x UM-3 1.5V dry battery (not included)
Display	LCD 5 1/2 Digits; 25mm(Height); LED backlight(Optional)
Platter Size	570 x 900mm
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

Weighing Indicator IP68 Waterproof

PH3

Weighing Indicator



Features

- IP68 waterproof check-weighing indicator with 304 stainless steel housing with built in RS232
- Two adjustable weighing speed: moderate and slow
- Selectable weighing units: Kilogram(kg), gram(g), pound(lb), and ounce(oz)
- Up to 1/30,000 display resolution

Specification

Display	LCD 6 Digits; 25 mm (Height); LED backlight
Power	Adapter: Input 100 ~ 240V AC 50 ~ 60 Hz; Output 12V / 1000 mA
Dimensions	256 x 170 x 90mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



PWH3

Weighing Indicator



Features

- IP68 waterproof check-weighing indicator with 304 stainless steel housing with built in RS232
- Two adjustable weighing speed: moderate and slow
- Selectable weighing units: Kilogram(kg), gram(g), pound(lb), and ounce(oz)
- Up to 1/15,000 display resolution

Specification

Display	LCD 6 Digits; 25 mm (Height); LED backlight
Power	Adaptor DC 12V + 6V/4 Ah rechargeable battery
Dimensions	256 x 170 x 90mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



P-120S

Weighing Indicator



Features

- IP 68: mist-proof, waterproof and dustproof
- Stand alone batching mode or connect to PLC for external system control
- High performance A/D : 0.12 μ VD input sensitivity, 120 (max.) times/sec conversion rate

Specification

Display	LCD 6 Digits; 16 mm (Height); LED backlight
Power	AC100V ~ 240V ($\pm 10\%$)
Dimensions	256 x 170 x 90mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)



GTW

Weighing Indicator



Features

- IP 68: mist-proof, waterproof and dustproof, ABS housing with in RS232
- Up to 1/30,000 display resolution
- High Speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Zero key and Tare key react faster.
- Preset weight or quantity; Weight accumulation
- Simple counting; Gross/Net indication; Hold function; Check mode Lo / Hi / OK

Specification

Display	LCD 6 Digits; 28 mm (Height); LED backlight
Power	AC110V/230V ($\pm 10\%$) + DC 6V/ 4 Ah rechargeable battery
Dimensions	238 x 156 x 90mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]



Weighing Indicator IP68 Waterproof

GW/QW

Weighing Indicator



GW ABS Plastic
QW 304 Stainless

Features

- IP 68: mist-proof, waterproof and dustproof built in RS232
- Up to 1/15,000 display resolution
- Hold function, Check mode Lo / Hi / OK, Auto average unit weight, Animal scale function
- Low power indication and auto power off
- Full range tare, Pre-tare, Auto zero tracking, Sampling counting, Gross/Net Indication

Specification

Display	LCD 6 Digits; 55 mm (Height); LED backlight
Power	AC110V/230V (±10%) DC 6V / 4Ah rechargeable battery
Dimensions	GW : 238 x 156 x 90mm (W x H x D) QW : 232 x 150 x 80mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]



GWS/QWS

Weighing Indicator



GWS ABS Plastic
QWS 304 Stainless

Features

- IP 68: mist-proof, waterproof and dustproof built in RS232
- Extra-large and wide LCD display 55mm height, with COOL WHITE LED backlight
- Quick access to hold function, weight check High/Low/OK
- Selectable tare range or up to full range tare; Pre-tare

Specification

Display	LCD 6 Digits; 55 mm (Height); COOL WHITE LED backlight
Power	AC110V/230V (±10%) DC 6V / 4Ah rechargeable battery
Dimensions	GWS : 238 x 156 x 90mm (W x H x D) QWS : 232 x 150 x 80mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]



GoW/QoW

Wireless Bluetooth Weighing Indicator



GoW ABS Plastic
QoW 304 Stainless

Features

- Need to work with wireless platform P.39
- IP 68: mist-proof, waterproof and dustproof built in RS232
- Extra-large and wide LCD display 6 digits with 55mm height
- Low power indication and auto power off
- Hold function, Check mode Lo / Hi / OK, Auto average unit weight

Specification

Display	LCD 6 Digits; 55 mm (Height); COOL WHITE LED backlight
Power	AC110V/230V (±10%) DC 6V / 4Ah rechargeable battery
Dimensions	GoW : 238 x 156 x 90mm (W x H x D) QoW : 232 x 150 x 80mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]



Weighing Indicator Lithium Powered Series

SXW

Lithium Powered
Weighing Indicator



Features

- Up to 1/15,000 display resolution. High Speed 24bits AD
- Auto zero tracking and pre-tare
- Simple counting; Gross/Net indication; Hold function
- Weight and quantity over-limit warning
- Built-in power saving function to extend usage time
- 5 brightness setting selectable for LCD backlight
- Option RS232 interface

Specification

Display	LCD 6 Digits; 25mm (Height); LED backlight
Power	AC 100V~240V (±10%) adapter + 18650 3.7V Lithium Ion battery
Dimensions	276 x 170 x 136mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

TXW

Lithium Powered
Weighing Indicator



Features

- Up to 1/15,000 display resolution. High Speed 24bits AD
- Auto zero tracking and pre-tare
- Simple counting; Gross/Net indication; Hold function
- Weight and quantity over-limit warning
- Built-in power saving function to extend usage time
- 5 brightness setting selectable for LCD backlight
- Option RS232 interface

Specification

Display	LCD 6 Digits; 25mm (Height); LED backlight
Power	AC 100V~240V (±10%) adapter + 18650 3.7V Lithium Ion battery
Dimensions	280 x 220 x 117mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

Weighing Indicator

HWH3/HWH4

Weighing Indicator



Features

- Simple counting; Gross/Net indication; Hold function; Check mode Lo / Hi / OK
- Pre-tare function
- Kilogram (kg) and pound (lb) weighing modes
- Stable sampling range setting function
- Option RS232 interface

Specification

Display	LCD 6 Digits, 28mm height, LED backlight	OIML
Power	HWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery	UK CA
	HWH4: AC 100 ~ 240V (±10%) DC 6V/4 AH rechargeable battery	IOT
Dimensions 260 x 210 x 117mm (W x H x D)		Bluetooth
Operating Temperature 0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]		

RWH3/RWH4

Weighing Indicator



Features

- Simple counting; Gross/Net indication; Hold function; Check mode Lo / Hi / OK
- Pre-tare function
- Kilogram (kg) and pound (lb) weighing modes
- Stable sampling range setting function
- Option RS232 interface

Specification

Display	LCD 6 Digits, 28mm height, LED backlight	OIML
Power	RWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery	UK CA
	RWH4: AC 100 ~ 240V (±10%) DC 6V/4 AH rechargeable battery	IOT
Dimensions 260 x 210 x 117mm (W x H x D)		Bluetooth
Operating Temperature 0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]		

TWH3/TWH4

Weighing Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Pre-tare function
- Kilogram (kg) and pound (lb) weighing modes
- Stable sampling range setting function
- Temperature compensation available for non-approval model to be more accurate and stabler
- Option RS232 interface

Specification

Display	LCD 6 Digits, 28mm height, LED backlight	OIML
Power	TWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery	UK CA
	TWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery	IOT
Dimensions 280x 220 x 117mm (W x H x D)		Bluetooth
Operating Temperature 0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]		

Weighing Indicator

SBH3-W/SBH4-W Weighing Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Checkweighing for High/Low / OK limits with beeper warning
- Quick access for checkweighing settings weight totalization and auto backlight
- Energy-efficient switching power supply adapts to differ entpower source voltages (AC 100V-240V)
- Auto power-off battery protection circuitry
- Option RS232 interface

Specification

Display	LCD 6 Digits; 28 mm (Height); LED backlight
Power	SBH3-W: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
	SBH4-W: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions 256 x 170 x 90mm (W x H x D)	
Operating Temperature 0°C ~ 40°C (32°F ~ 104°F)	



KWH3/KWH4 Weighing Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Preset weight or quantity; weight accumulation
- Simple counting; Gross/Net indication; Hold Function;
- Check Mode Lo/Hi/OK
- Kilogram (kg), pound (lb) weighing modes
- Option RS232 interface

Specification

Display	LCD 6 Digits; 28 mm (Height); LED backlight
Power	KWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
	KWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions 245 x 195 x 156mm (W x H x D)	
Operating Temperature 0°C ~ 40°C (32°F ~ 104°F)	

WQ2 Weighing Indicator



Features

- LCD display with bright backlight
- Enclosed with indicator dust cover, rechargeable battery and power cord
- Easy to set any specification and up to 1/15,000 display resolution
- 15 levels sampling speed available
- Option RS232 interface

Specification

Display	Bright LCD display (26 mm digit height)
Power	AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions 176x 156x 164mm (W x H x D)	
Operating Temperature 0°C ~ 40°C (32°F ~ 104°F)	

Weighing Indicator

FB530

Weighing Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Weighing units available in kg,g, lb and viss
- Digital calibration
- Dual range model available: Multi-range or Multi-interval
- Preset weight or quantity; Pre-tare; Weight accumulation; Check mode HI / OK / LO

Specification

Display	LCD 6 Digits, 25mm height, LED backlight
Power	AC 110V/220V (±15%) DC 6V/4Ah rechargeable battery
Dimensions	276 x 172 x 153mm (W x H x D) 276 x 202 x 153mm (double-sided display)
Option	Double-sided display; Mounting bracket; RS232 interface



FM-130

Weighing Indicator



Features

- Large LCD (digit height 25.4mm) display with LED backlight
- Kilogram (kg) and pound weighing units
- Auto zero tracking; Animal scale function; Data accumulation function
- Option RS232 interface

Specification

Display	LCD 6 digits; height 25mm
Power	Adaptor DC 12V or 4 x UM-3 1.5V dry battery(not included)
Dimensions	225 x 134.5 x 60mm (including protrusions)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Option	Relay output battery set

FM / FMR

Weighing Indicator



Features

- Large LCD (digit height 25.4mm) display with LED backlight
- Kilogram (kg) and pound (lb, not for EC type approval version) weighing units
- Auto zero tracking; Animal scale function; Data accumulation function

Specification

Display	LCD 6 digits; 25.4 x 10 mm; height 25.4mm; LED backlight
Power	Adapter: Input 100 ~ 240V AC 50 ~ 60 Hz; Output 12V / 1000 mA
Dimensions	225 x 60 x 135mm (including protrusions) 193 x 50 x 95mm (excluding protrusions)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Option	RS232 interface Ni-MH Rechargeable battery



Weighing Bench Scale

MTWH4 / DTWH4 LTWH4 / FTWH4

Weighing Bench Scale



M

D

L

F

Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Pre-tare function
- Kilogram (kg) and pound (lb) weighing modes
- Stable sampling range setting function
- Temperature compensation available for non-approval model to be more accurate and stabler
- Option RS232 interface

Specification

Display	LCD 6 Digits, 25mm height, LED backlight
Power	TWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery TWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions	280x 220 x 117mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]
Platter Size	MTWH4: 375 x 520mm ; DTWH4: 420 x 520mm LTWH4: 460 x 600mm ; FTWH4: 420x 520mm

LPH3

Weighing Bench Scale



Features

- IP68 waterproof check-weighing indicator with 304 stainless steel housing, built in RS232
- Two adjustable weighing speed: moderate and slow
- Selectable weighing units: Kilogram(kg), gram(g), pound(lb), and ounce(oz)
- Up to 1/30,000 display resolution
- Option RS232 interface

Specification

Display	LCD 6 Digits; 25 mm (Height); LED backlight	OIML
Power	Adaptor DC 12V + 6V/4 Ah rechargeable batter	UK CA
Dimensions	256 x 170 x 90mm (W x H x D)	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	
Platter Size	LPH3: 460 x 600mm	

LPWH3

Weighing Bench Scale



Features

- IP68 waterproof check-weighing indicator with 304 stainless steel housing, built in RS232
- Two adjustable weighing speed: moderate and slow
- Selectable weighing units: Kilogram(kg), gram(g), pound(lb), and ounce(oz)
- Up to 1/15,000 display resolution

Specification

Display	LCD 6 Digits; 25 mm (Height); LED backlight	OIML
Power	Adaptor DC 12V + 6V/4 Ah rechargeable batter	UK CA
Dimensions	256 x 170 x 90mm (W x H x D)	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	
Platter Size	LPWH3: 460 x 600mm	

Weighing Bench Scale

MHWH4 / DHWH4 LHWH4 / FHWH4

Weighing Bench Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Simple counting; Gross/Net indication; Hold function; Check mode Lo / Hi / OK
- Pre-tare function
- Kilogram (kg) and pound (lb) weighing modes
- Stable sampling range setting function
- Option RS232 interface

Specification

Display	LCD 6 Digits, 25mm height, LED backlight
Power	HWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
	HWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions	260 x 210 x 117mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]
Platter Size	MHWH4: 375 x 520mm ; DHWH4: 420 x 520mm LHWH4: 460 x 600mm ; FHWH4: 420x 520mm

LRWH3/LRWH4

Weighing Bench Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Simple counting; Gross/Net indication; Hold function; Check mode Lo / Hi / OK
- Pre-tare function
- Kilogram (kg) and pound (lb) weighing modes
- Stable sampling range setting function
- Option RS232 interface

Specification

Display	LCD 6 Digits; 25 mm (Height); LED backlight
Power	LRWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
	LRWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions	256 x 170 x 90mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Platter Size	LRWH4: 460 x 600mm

LKWH3/LKWH4

Weighing Bench Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Preset weight or quantity; weight accumulation
- Simple counting; Gross/Net indication; Hold Function;
- Check Mode Lo/Hi/OK
- Kilogram (kg), pound (lb) weighing modes
- Option RS232 interface

Specification

Display	LCD 6 Digits; 25 mm (Height); LED backlight
Power	LKWH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery
	LKWH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions	245 x 195 x 156mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Platter Size	LKWH3: 460 x 600mm



Counting Scale



Counting Scale

ALH3/ALH4

Counting Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key react faster
- Easily adjusted leveling feet for stability of the scale
- Option RS232 interface

Specification

Capacity	3 / 3 / 6 /7.5 /15/15 /30/30 Kg
Division	0.1/0.2/0.2/0.5 /0.5/ 1 / 1 / 2 g
Power	ALH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery ALH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6/6/6 digits; Height 14mm; LED Backlight
Platter Size	280 x 230 mm (W x D)
Dimensions	275 × 105 × 310 mm(W × H × D)



FDH3-C/FDH4-C

Counting Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key react faster
- Easily adjusted leveling feet for stability of the scale
- Option RS232 interface

Specification

Capacity	3 / 3 / 6 /7.5 /12/15 /30/30 Kg
Division	0.2/0.5/1/0.5/2 / 1 / 2 / 5 g
Power	FDH3-C: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery FDH4-C: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6/6/6 digits; Height 14mm; LED Backlight
Platter Size	300x 225mm (W x D)
Dimensions	300×110 × 330 mm(W × H × D)



ACC3

Counting Scale



Features

- 1/6,000 and 1/7,500 display resolution
- 3 LCD displays with LED backlight
- Up to 251 accumulations
- Programmable unit weight of denomination
- Security password setting function
- New coin switch to old coin function for customer selection

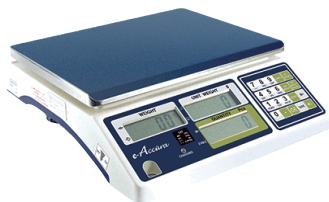
Specification

Capacity	6 / 15 / 30 Kg
Division	1 / 2 / 5 g
Power	AC 100V~230V (±10%) DC 6V/4 AH rechargeable battery
Display	LCD 6/6/6 digits; Height 14mm; LED Backlight
Platter Size	280x 230 mm (W x D)
Dimensions	320× 108× 280 mm(W × H × D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)

Counting Scale

SAH3-C/CA2

Counting Scale



Features

- Bright LCD display with LED backlight
- Overload protection design
- Enclosed with adjustable feet, bubble level, dust cover, rechargeable battery and power cord
- Selectable weight units: kg, lb or g, lb (depends on the request)
- Option RS232 interface

Specification

Capacity	3 / 3 / 6 / 7.5 / 15 / 15 / 30 / 30 Kg
Division	0.1 / 0.2 / 0.2 / 0.5 / 0.5 / 1 / 1 / 2 g
Power	AC 100V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 5/5/6 digits; Height 13/13/18mm; LED Backlight
Platter Size	290x 220 mm (W x D)



Dimensions

345 × 297 × 106 mm (W × H × D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

JBCH3

Counting Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key react faster
- Weight and quantity over-limit warning
- IPX6 wash down design
- Option RS232 interface

Specification

Capacity	3 / 6 / 7.5 / 15 / 30 / 60 / 75 Kg
Division	0.1 / 0.2 / 0.5 / 0.5 / 2 / 2 / 5 Kg
Power	AC 100V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6/6/6 digits; Height 14mm; LED Backlight
Platter Size	334x 254mm (W x D)



Dimensions

300 × 110 × 330 mm (W × H × D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

-10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

KBCH3

Counting Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key react faster
- Weight and quantity over-limit warning
- IPX6 wash down design
- Option RS232 interface

Specification

Capacity	3 / 6 / 7.5 / 15 / 30 / 60 / 75 Kg
Division	0.1 / 0.2 / 0.5 / 0.5 / 2 / 2 / 5 Kg
Power	AC 100V/230V (±10%) DC 6V/4 Ah rechargeable battery
Display	LCD 6/6/6 digits; Height 14mm; LED Backlight
Platter Size	322x 242mm (W x D)



Dimensions

400 × 110 × 300 mm (W × H × D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

-10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

Counting Scale Lithium Powered Series

AXC

Counting Scale



Features

- 1/3,000 · 1/6,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability and zero return
- Zero key and Tare key react faster
- Vendor and customer sides LCD displays with LED backlight
- Option RS232 interface

Specification

Capacity	3 / 15 / 30 Kg
Division	0.2 / 1 / 2 g
Display	LCD 6 / 6 / 6 Digits; 14mm (Height); LED backlight

Power
AC 100V~240V (±10%) adapter +
18650 LI-Ion battery

Dimensions
275 × 105 × 310mm (W x H x D)

Operating Temperature
0°C ~ 40°C (32°F ~ 104°F)

FXC

Counting Scale



Features

- Up to 1/15,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability and zero return
- Zero key and Tare key react faster
- Vendor and customer sides LCD displays with LED backlight
- Low power and charging status indication
- Option RS232 interface

Specification

Capacity	3 / 6 / 7.5 / 15 / 30 Kg
Division	0.2 / 1 / 0.5 / 1 / 2 g
Display	LCD 6 / 6 / 6 Digits; 18mm (Height); LED backlight

Power
AC 100V~240V (±10%) adapter +
18650 LI-Ion battery

Dimensions
300 × 110 × 330mm (W x H x D)

Operating Temperature
0°C ~ 40°C (32°F ~ 104°F)

SXC

Counting Indicator



Features

- Enclosed with indicator dust cover, rechargeable battery and power cord
- Easy to set any specification and up to 1/15,000 display resolution
- 15 levels sampling speed available
- Weight and quantity accumulation available
- Tare and pre-tare functions
- Option RS232 interface

Specification

Display	LCD 14 / 14 / 18mm (Height); LED backlight
---------	---

Power
AC 100V~240V (±10%) adapter +
18650 LI-Ion battery

Dimensions
256 × 170 × 90mm (W x H x D)

Operating Temperature
0°C ~ 40°C (32°F ~ 104°F)

TXC

Counting Indicator



Features

- Up to 1/15,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Auto calibration function
- Weight and quantity over-limit warning
- Low power and charging status indication
- Option RS232 interface

Specification

Display	LCD 6/6/6 Digits; 14mm (Height); LED backlight
---------	---

Power
AC 100V~240V (±10%) adapter +
18650 LI-Ion battery

Dimensions
280 × 220 × 117mm (W x H x D)

Operating Temperature
0°C ~ 40°C (32°F ~ 104°F)

Counting Indicator

RCH3

Counting Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability and zero return
- Zero key and Tare key reactfaster
- Option RS232 interface

Specification

Display LCD 6 / 6 / 6 Digits;
14mm (Height); LED backlight



Power

AC 110V/230V (±10%)
DC 6V/4Ah rechargeable battery



Dimensions

260× 210 × 117mm (W x H x D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)
-10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

KCH3

Counting Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Digital calibration
- Faster weighing stability and zero return
- Zero key and Tare key reactfaster
- Option RS232 interface

Specification

Display LCD 6 / 6 / 6 Digits;
14mm (Height); LED backlight



Power

AC 110V/230V (±10%)
DC 6V/4.5Ah rechargeable battery



Dimensions

245× 195× 156 mm (W x H x D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)

TCH3/TCH4

Counting Indicator



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key reactfaster
- Auto calibration function, OL protection
- Option RS232 interface

Approval Model:TCH3

Non-approval Model:TCH4

Specification

Display LCD 6/6/6 Digits;
14mm (Height); LED backlight



Power

TCH3: AC 110V/230V (±10%)
DC 6V/4 Ah rechargeable battery
TCH4: AC 100 ~ 240V (±10%) or
DC 6V/4 Ah rechargeable battery



Dimensions

280 × 220 × 117mm (W x H x D)

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)
-10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

SBH3-C/CQ2

Counting Indicator



Features

- Enclosed with indicator dust cover, rechargeable battery and power cord
- Easy to set any specification and up to 1/15,000 display resolution
- 15 levels sampling speed available
- Option RS232 interface

Specification

Display Bright LCD displays (14, 14, 18 mm digit height) with LED backlight



Power

AC 110V/230V (±10%)
DC 6V/4 Ah rechargeable battery



Dimensions

176× 156× 164mm (W x H x D))

Operating Temperature

0°C ~ 40°C (32°F ~ 104°F)
-10°C ~ 40°C (14°F ~ 104°F) [Approval Model]

Counting Bench Scale

LKCH3

Counting Bench Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- Digital calibration
- Faster weighing stability and zero return
- Zero key and Tare key react faster
- Option RS232 interface

Specification

Display	LCD 6 / 6 / 6 Digits; 14mm (Height); LED backlight
Power	AC 110V/230V (±10%) DC 6V/4Ah rechargeable battery
Dimensions	245 × 195 × 156 mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Platter Size	460 x 600mm



LRCH3

Counting Bench Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability and zero return
- Zero key and Tare key react faster
- Option RS232 interface

Specification

Display	LCD 6 / 6 / 6 Digits; 14mm (Height); LED backlight
Power	AC 110V/230V (±10%) DC 6V/4Ah rechargeable battery
Dimensions	260 × 210 × 117mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]
Platter Size	460 x 600mm



LTCH3/LTCH4

Counting Bench Scale



Features

- 1/3,000 · 1/6,000 · 1/15,000 up to 1/30,000 display resolution
- High speed 24bits AD; Display reading speed faster
- Faster weighing stability
- Faster zero return
- Zero key and Tare key react faster
- Auto calibration function, OL protection
- Option RS232 interface

Approval Model: TCH3
Non-approval Model: TCH4

Specification

Display	LCD 6/6/6 Digits; 14mm (Height); LED backlight
Power	LTCH3: AC 110V/230V (±10%) DC 6V/4 Ah rechargeable battery LTCH4: AC 100 ~ 240V (±10%) DC 6V/4 Ah rechargeable battery
Dimensions	280 × 220 × 117mm (W x H x D)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F) -10°C ~ 40°C (14°F ~ 104°F) [Approval Model]
Platter Size	460 x 600mm



Batch Weighing Controller



Batch Weighing Controller

EX-2001 NC Racer

Batch Weighing Controller



Features

- Large LED display (7digit, height 20mm)
- High speed A/D conversion with powerful digital processing; input sensitivity 0.3μV/D; update rate 120 times/second
- Maximum load cell input voltage: -1~ 20mV

Specification

Power	AC100V ~ 240V 50 / 60Hz
Display	LED 7 Digits; 20.3mm (Height)
Dimensions	
210 × 108 × 207mm (W x H x D)	
Operating Temperature	
0°C ~ 40°C (32°F ~ 104°F)	
OP-01 RS-422/RS-485	
OP-02 Parallel BCD output (TTL / O.C)	
OP-03 Analog output	
OP-05 Parallel printer output	
OP-05F Freeform printer interface	
OP-06 RS-232 (in/out) / Current loop	
OP-07 RS-232 (in/out) / Current loop / Data clock	
OP-08 Control I / O (2 Input / 4 Relay Output)	



120S

Batch Weighing Controller



Features

- Stand alone batching mode or connect to PLC for external system control
- Built-in MODBUS RTU format easily connect with any human machine interface and PLC
- Built-in full duplex RS232C interface or RS-485 serial interface

Specification

Power	AC 100 V ~ 240 V (±10%)
Display	LED 6 digit, 16mm height
Dimensions	
96 × 48 × 140mm (W x D x H)	
Operating Temperature	
0°C ~ 40°C (32°F ~ 104°F)	
OP-02-2 BCD parallel output interface (TTL output)	
OP-03 16 Bit Analogue current (0 ~ 20 mA) / voltage (0 ~ 10V) output interface	
OP-04E Relay Output (4 In / 4 Out)	
OP-04C Hi, Lo, OK input interface (BCD code)	
OP-04F Setpoint input interface (BCD code)	
OP-05 Control I/O (8 In / 8 Out)	
OP-05E Relay Output (8 In / 8 Out)	



150S

Batch Weighing Controller



Features

- DC power supply: with DC12V~24V power supply design for the application of flame-proof system
- Built-in MODBUS RTU format easily connect with any human machine interface and PLC
- Built-in full duplex RS232C interface or RS-485 serial interface

Specification

Power	DC 12 V ~ DC 24 V
Display	LED 6 digit, 16mm height
Dimensions	
96 × 48 × 140mm (W x D x H)	
Operating Temperature	
0°C ~ 40°C (32°F ~ 104°F)	
OP-02-2 BCD parallel output interface (TTL output)	
OP-03 16 Bit Analogue current (0 ~ 20 mA) / voltage (0 ~ 10V) output interface	
OP-04E Relay Output (4 In / 4 Out)	
OP-04C Hi, Lo, OK input interface (BCD code)	
OP-04F Setpoint input interface (BCD code)	
OP-05 Control I/O (8 In / 8 Out)	
OP-05E Relay Output (8 In / 8 Out)	

320S High Performance

Batch Weighing Controller



Features

- Large 6-digit LED Display (21mm high)
- Highspeed A/D Conversion of 360 times/second
- Built-in RS-232 and RS-485 Interfaces
- Support Modbus over TCP/IP and Modbus RTU over TCP/IP
- External USB Data Log
- Easy Setting and Update Via Web Browser
- EN 61010-1:2010/A1 and EN61326-1 Industrial Environment

Overview

320S is a powerful model specially designed for weight control. It has a small size and a large screen, which is convenient to store in the control machine or inlay on the control panel without taking up space.

The A/D conversion rate is increased by up to 360 times per second, and the firmware update of the web browser is supported. The webpage can control the specification setting, which improves the operation efficiency and is more intuitive.

You can use Onboard RS-232 and RS-485 to communicate with different devices at the same time. USB data log is more convenient for data management and storage.

The LED character height is 21mm, and the red and green design suits various usage environments.

Industrial-grade high anti-interference ability, the cabinet has a sturdy matte brushed texture.

SPECIFICATIONS

Analog

Load cell excitation	DC 5V $\pm$ 5%, 120 mA 【 8x350 Ω load cells sensor 】
Max.load cell input voltage	0 ~ 4.0 mV/V
Input sensitivity	0.2 μ V/D
A/D resolution	360 times/second

General

Power source voltage	AC 90 ~ 240V 50 / 60Hz
Power consumption	About 10 VA
Operating temperature	0°C ~ 40°C
Operating humidity	< 85% RH
Safety regulations	EN 61010-1:2010/A1 (Low Voltage Directive) EN61326-1 (EMC Directive) Industrial Environment

Digital

Display	6 digits red or green LED, 21mm, 7-segment
Decimal point position	Selectable 0, 0.0, 0.00, 0.000
Display frequency	Optional: unlimited /20/10/5/1 times/second
Number of digits	-199999 to 999999
Minor division	1, 2, 5, 10, 20, 50
Status display	4 selectable status: Zero, MD, Gross, Net, Accu.V, Accu.C, SP1, SP2, SP3, Hi, OK, Lo, Under, Over, Unloading, Running, Hold
Button	ON/OFF, Zero, Tare, F1, F, Enter

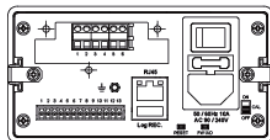
Other

Memory content	Calibration data, Function data Other settings (EEPROM)
Calibration data protection	Calibration data and related settings protection function, can not be changed arbitrarily

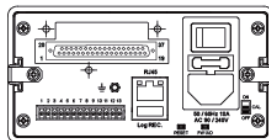
Interface

RS-485	Terminal block; support Modbus RTU
RS-232	Terminal block; can simultaneously support RS-485 and other devices
USB 2.0 Type A	Support USB data log and time setting
RJ-45	10/100Mbps; support LAN web browser for system settings and firmware updates; support Modbus RTU over TCP/IP

OPTIONS

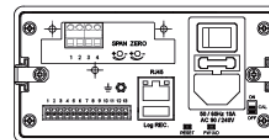


■ **OP-01**
RS-422/RS-485/RS-232 serial interface

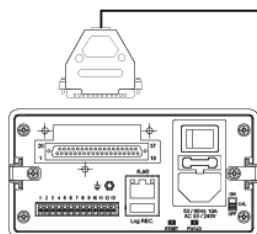


■ **OP-02-1**
BCD Parallel output interface (Open Collector)

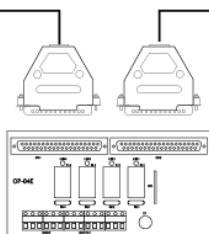
■ **OP-02-2**
BCD parallel output interface (TTL)



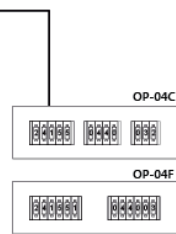
■ **OP-03**
Analog output interface (4 ~ 20mA, 0 ~ 10V)



■ **OP-04**
Control I/O (4 In/4 Out) +
Setpoint Input (BCD Code)

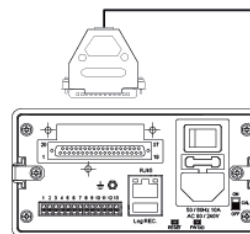


■ **OP-04E**
Relay Output
(4 In/4 Out)

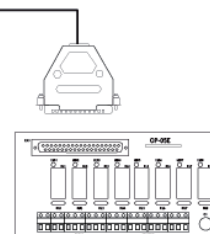


■ **OP-04C**
Hi, Lo input interface

■ **OP-04F**
Setpoint input interface

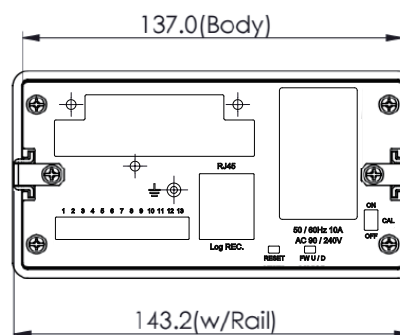
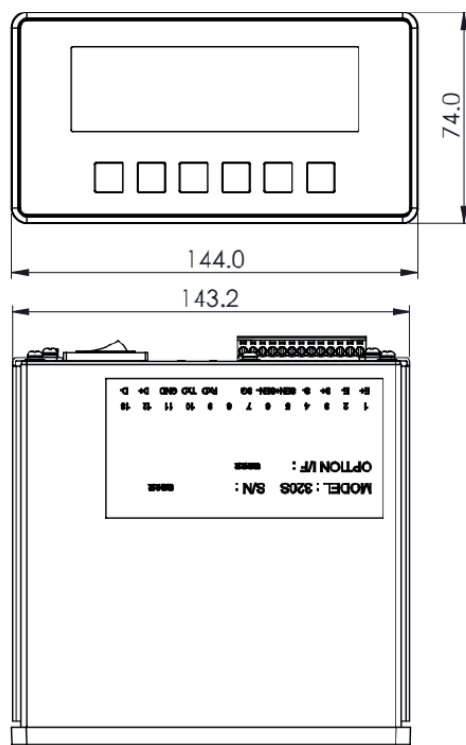


■ **OP-05**
Control I/O
(8 In/8 Out)



■ **OP-05E**
Relay Output
(8 In/8 Out)

Dimension





Platform



Platform

Aluminum Die-Casting base Platform (Optional Casters)

M



Capacity	75/ 150 / 300 kg
Platter Size	375 x 520mm
Material	Aluminum base

D



Capacity	75/ 150 / 300 kg
Platter Size	420 x 520mm
Material	Aluminum base

L



Capacity	75/150/300/600 kg
Platter Size	460 x 600mm
Material	Aluminum base

J



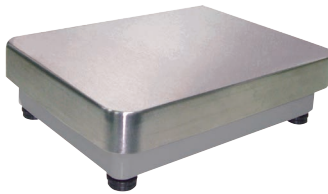
K



I



V



- ABS housing and TYPE 304 stainless steel platter
- Drainage channel design underneath the platter to prevent water running into the platform
- X Shape Aluminum Supports support up to 75kg
- Reinforced engineering structure design

- ABS housing and TYPE 304 stainless steel platter
- Drainage channel design underneath the platter to prevent water running into the platform
- X Shape Aluminum Supports support up to 150 kg
- Reinforced engineering structure design

IPX6	
Capacity	6~75kg
Platter Size	334 x 254mm

IPX5	
Capacity	15~75kg
Platter Size	322 x 242mm

IPX6	
Capacity	30~150kg
Platter Size	400 x 300mm

IPX5	
Capacity	30~150kg
Platter Size	370 x 271mm

Welded Mid Steel Construction

E



- Unique patented X structure optimized by Finite Element Analysis 2 mm thick, 20 x 40 mm steel rectangular tube and side reinforced ribs structure maximize strength and minimize deformation.
- Thus, it creates a lighter, more mobile but rugged structure
- Cord Protection Cover reduces the chance of short circuit and electric shocks supporting stands

Model	4250
Capacity	75/ 150 / 300 kg
Platter Size	420 x 520mm



Industrial Scale



Industrial Scale

EJ5

Waterproof Crane Scale



Features

- Meets the IK10 impact resistance rating and IP66 waterproof rating
- 360° rotatable crane hook design (for 1T~3T models)
- Overload Safety Factor:
Up to 600% for 1T~5T;
up to 350% for 7.5T~15T or more
- Standard model comes with RF remote controller* (up to 30m range)
option with bluetooth handset

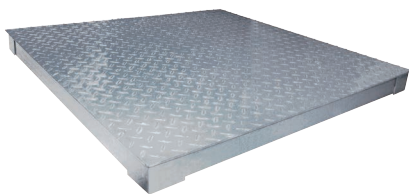
Specification

Capacity	1 / 1.5 / 2 / 3 / 5 / 7.5 / 10 / 15 t
Division	0.5 / 0.5 / 1 / 1 / 2 / 5 / 5 / 5 kg
Display	LED 5 Digits; Height 25.4mm
Dimensions	1t~3t: 210 x 218 x 665mm 5t: 210 x 278 x 753mm 7.5t: 210 x 278 x 890mm 10t~15t: 210 x 438 x 945mm
Power	AC 100V~240V (±10%) + DC 6V/10AH rechargeable battery
Options	Sun visor Wireless remote control/display



Floor Scale

Floor Scale



Features

- Capacity: 1T~4T (1/3000 display resolution)
- Freestanding model with 4 adjustable feet
- Widely used for weighing goods and small vehicles in factories enterprises, railways and harbors etc.
- 4 load cells are included
- Load cells can be replaced individually
- Connectable to any weighing indicators and printer interface or RS232 serial data output

Option

- Ramp

F-T-1010: 1.0 x 1.0m

F-T-1212: 1.2 x 1.2m

F-T-1515: 1.5 x 1.5m

Bluetooth Scale

GoW Wireless Platform

GoW + (TM transmitter + platform)



- There is no weight data output function for GoW
- GoW without RS232 function
- It can not use USB Bluetooth Dongle anymore

OoW Wireless Platform

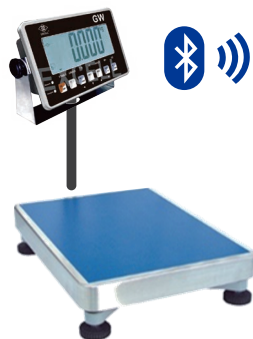
QoW + (TM transmitter + platform)



- There is no weight data output function for QoW
- QoW without RS232 function
- It can not use USB Bluetooth Dongle anymore

GW Bluetooth Indicator

GW Bluetooth indicator



A. BLE4.0 Computer



B. USB

- GW without RS232 function
- 2 options for Bluetooth connection
 - A. offer Bluetooth profile to customer for developing
 - B. use USB Bluetooth Dongle to connect with PC
- Bluetooth output is in continuous transmission weight format

BLE4.0 computer is use windows 10 operating system or newer version or Android with BLE4.0 device.

QW Bluetooth Indicator

QW Bluetooth indicator



A. BLE4.0 Computer



B. USB

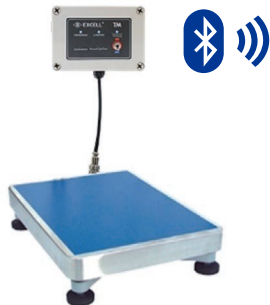
- QW without RS232 function
- 2 options for Bluetooth connection
 - A. offer Bluetooth profile to customer for developing
 - B. use USB Bluetooth Dongle to connect with PC
- Bluetooth output is in continuous transmission weight format

BLE4.0 computer is use windows 10 operating system or newer version or Android with BLE4.0 device.

Bluetooth Scale

TM Transmitter

TM transmitter + platform



A. BLE4.0 Computer



B. USB

- 2 options for Bluetooth connection
 - A. offer Bluetooth profile to customer for developing
 - B. use USB Bluetooth Dongle to connect with PC
- Bluetooth output is in continuous transmission weight format

BLE4.0 computer is use windows 10 operating system or newer version or Android with BLE4.0 device.

Bluetooth Scale

Bluetooth scale



A. BLE4.0 Computer



B. USB

- Table scale without RS232 function
- 2 options for Bluetooth connection
 - A. offer Bluetooth profile to customer for developing
 - B. use USB Bluetooth Dongle to connect with PC
- Bluetooth output is in continuous transmission weight format

BLE4.0 computer is use windows 10 operating system or newer version or Android with BLE4.0 device.

BF-T BF-R Wireless Platform

BF-T BF-R Wireless Platform



BF-T



BF-R

- Can not use USB Bluetooth Dongle
- RS232 output mode of BF-R is transmitted by key

FJ5 Bluetooth Crane Scale

Bluetooth scale



A.



B. BLE4.0 Computer



C. USB

- 3 options for Bluetooth connection
 - A. offer Bluetooth profile to customer for developing
 - B. Once the mobile device is connected, it cannot be connected to a computer or USB Bluetooth Dongle
 - C. use USB Bluetooth Dongle to connect with PC
- Bluetooth output is in continuous transmission FJ5 weight format

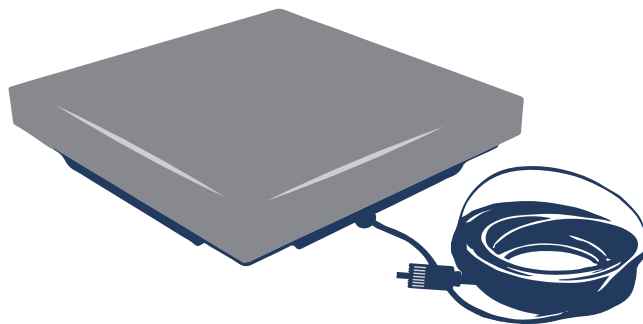
BLE4.0 computer is use windows 10 operating system or newer version or Android with BLE4.0 device.

EXZ PoE Ethernet Scale

Configurable for Industrial Applications

Features

- Power-over-Ethernet (PoE) Interface
- Connect Scale to Local Area (LAN) Network
- Real-Time Weighing Data Measurement
- Powerful Weighing Data Management
- Robust and Reliable Design for Harsh and Hygienic Environments
- AISI 430 Stainless Steel
- IP54 Waterproof
- Anti-Insect Design
- Easy cleaning and Hygienic Design

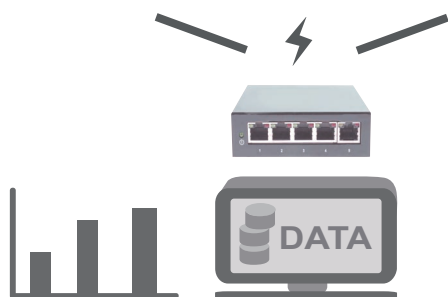


Product Description

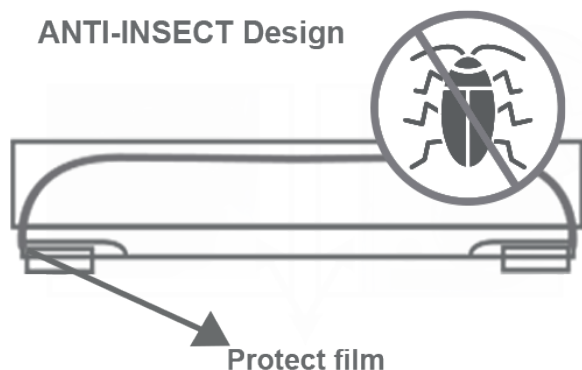
Excell EXZ PoE Ethernet Scale is designed to be connected to any Local Area Network (LAN), an ideal solution to send scale data over the internet into a database system. Data from scales in many different locations could all report to the same database. This would allow central offices to use this data for a variety of purposes.

With its AISI 430 stainless steel housing with IP54 Waterproof and Anti-Insect design, EXZ PoE Ethernet Scale can be used in harsh and hygienic industrial environments.

A special protocol allows communication to be established with the central web server without any user intervention. EXZ PoE Ethernet Scale is the ideal solution for weighing process at all industries, especially when you need to keep tracking of weighing data in real-time on a daily, hourly, or even more frequent basis if necessary.



ANTI-INSECT Design



Specifications

Capacity	60kg * 0.05kg
Dimension	300(Wide) x 300(Depth) x 65(Height)
Enclosure	AISI 430 Stainless Steel
IP Protection	IP 54
Operating Temperature	0°C to 50°C
Humidity	5~90% @ 40°C, Non-Condensing
Interface	Power over Ethernet (IEEE802.3)

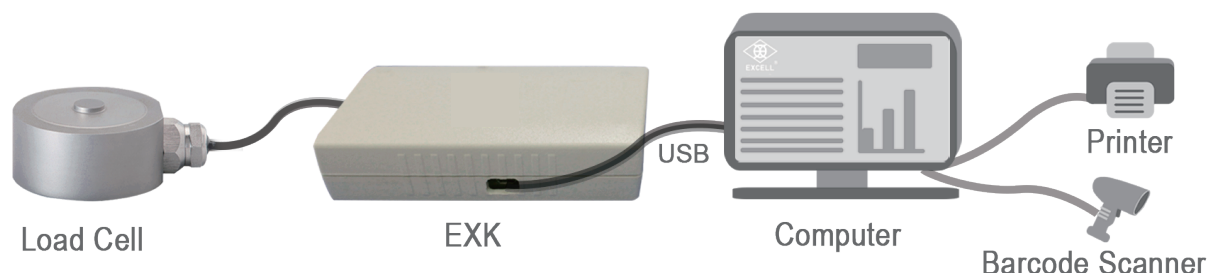


Scale Accessories



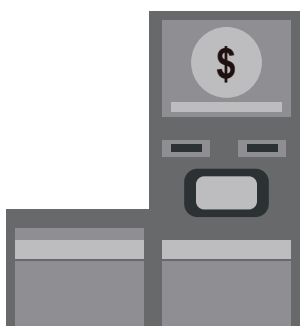
EXK Weighing Pal

You Scale Development & Integration Kit



Application

Checkout Scale



Self-service Scale



Dimensioning Scale



Features

- One micro-USB port for both power and data communications
- USB driver OS support:
 - Windows XP/2K/Server 2003/Vista/7/8/8.1/10
 - WinCE 5.0/6.0
 - Mac OSX
 - Linux 2.6.x/3.x.x and 4.x.x • Android 4.2
- 2 COM ports via USB interface (separate COM ports for weighing data and commands)
- Supports 3 types of data: weighing, counting, internal value
- Supports 4 weighing functions: Tare, pre-tare, zero, and zero tracking
- Connects to any weighing platform with 5-pin Aviation platform connector
- Compact size: 12 x 6 x 3 cm (excluding platform cable and connector)
- Easy to use with Weighing Kit WKT software (compatible with XP(SP3)/Win7/8/10)

Specifications

Resolution	Up to 1/15000 (determined by platform load cell's resolution) Supports dual-interval resolutions
Units	Kg 、 g 、 lb 、 oz 、 carat 、 T
Dimensions	120 x 60 x 30mm (excluding 5-pin platform connector & cable)
Weight	117 g (including 5-pin platform connector & cable)
Power source	5V 500mA (Micro-USB bus-powered)

Scale Accessories

BLE Dongle

USB Bluetooth BLE Adapter



Features

- Connects your Scale-IoT® scale(s) to your computer wirelessl via Bluetooth connection
- Supports Bluetooth Specification V4.0 (BLE) or above
- Easy-to-carry compact size
- Baud Rate: 1200 ~ 921.6Kbps (N.8.1) (Auto BaudRate)
- Standard USB Connector
- Dongle can be set up by communication tools using commands or by using FernLand BLE Tool.

Specification

Power Supply	DC 5V (USB-powered)
Dimensions	70 x 26 x 12 mm
Connector	USB Type-A male
Transmission Power	-6 to 4 dBm
USB Specification	Supports USB 2.0 VCP
Dongle Setup	
Via direct commands or FernLand BLE Tool	



TM

Wireless Transmitter
For Scale Platform



Features

- Through Bluetooth transmitting weighing data, range up to 20M
- Work with any platform with 5-pin Aviation plug Continuous use for 70 hours or standby for 1600 hours
- Easy setup with APP ScaleConfig
- External antenna can extend the range up to 60M (option)

Specification

Bluetooth	4.0 BLE
Dimensions	130x94x58 mm
Resolution	1/3000~1/15000 depending on the quality of the loadcell
Power supply	
AC 110V~240V (±10%) DC12VAdaptor or DC 3.7V / 1500mAh lithium battery	



WiFi Module

UART-to-WiFi Module



Features

- Add Wi-Fi connection to your compatible EXCELL scale.
- Incorporate Scale-IoT® to your compatible EXCELL scale.
- Web-based setup and man agement
- Wi-Fi operates in AP and/or STA modes
(password protection can be used).
- UUART communication specification

Specification

Communication Specification	UART
Setup / Management	Web-based
WiFi Work Mode	AP and/or STA mode(s)
UART Baud Rate	1200 to 460800 bpss
Transmission Modes	
TCP/UDP server/client	
Dimensions	72 x 47 x 10 mm (excluding antenna)



Industrial Scale

RS232 Formater Function Box



Features

- Reconfigure/rearrange any RS-232 Data at your fingertips
- Use Function Box Config Tool (FBCT) to setup printing format/label with any programmable printer.

Specification

Power	5V 1A
Dimensions	91.3 x 110 x 44.8 mm
Weight of the Converter	Around 225 g
Setting Port	Micro USB
Windows OS	XP SP3 and above

BLE LED Display BLE LED Display



Features

- Easy to install, simple to operate, use APP to configure
- 6-digit 7-segment high brightness LED display
- With broadcasting function, multiple BLE LED displays can simultaneously display the weight measurement of the selected Bluetooth crane scale / counter scale / indicator
- Wireless range is up to 70m

Specification

Power	AC 100V~240V
Display	6 digits BLE LED Display
Dimensions	3": 430 x 180 x 50mm 5": 670 x 270 x 58mm 8": 900 x 320 x 78mm



J4 Junction Box



Features

- IP 68 waterproof with aluminum cases and nylon PA66 clamping glands
- 2 to 4 load cell inputs
- Accept cables from 3.5mm to 7.0mm in diameter
- Clamping gland torque 15 kg-cm or 1.5 N-m

Specification

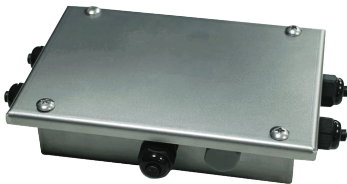
IP68	
Dimensions	177 x 86 x 38mm
Load Cell Resistance	350 ohms
Ports and Connectors	
4 x load cell connector (PA66 gland)	
1 x indicator connector (PA66 gland)	



Scale Accessories

J4-S

Stainless Steel Junction Box



Features

- IP 67 waterproof with aluminum cases and nylon PA66 clamping glands
- 2 to 4 load cell inputs
- Accept cables from 3.5mm to 7.0mm in diameter
- Clamping gland torque 15 kg-cm or 1.5 N-m

Specification

IP67	
Dimensions	145x100x36.7 mm
Load Cell Resistance	350 ohms
Ports and Connectors	
4 x load cell connector (PA66 gland)	
1 x indicator connector (PA66 gland)	
1 x pressure relief valve	



SP-151

Surge Protector



Features

- IP 65 waterproof
- Protects load cells, weighbridges, process weighing and silos
- Reliable, high surge absorption capacity
- Easy field installation in rugged weatherproof enclosure
- Can be used in intrinsically safe circuits without further certification

Specification

IP65	
Dimensions	130X130X102 mm
Maximum Surge Current	10KA @ 8 /20μS
Leakage Current	10μA@ 32V dc
Limiting Voltage	80V @ 6kV/3kA
Connections	6 wires + screen + earth



J8-P Surge

Surge Protector



Features

- IP66 waterproof with PC cases (flame class: HB) and nylon PA66 clamping glands
- Surge & lightning protection
- 8 load cell inputs

Specification

Dimensions	237x291x100 mm
Load Cell Resistance	350 ohms
Ports and Connectors	
8 x load cell connector (PA66 gland)	
1 x indicator connector (PA66 gland)	
1 x expansion connector (PA66 gland)	
1 x ground connector	
1 x pressure relief valve	



Dimension Weighing Master

VM600 Series:

Smart Logistics Powered by
Automated Volume & Weight Measurement



Key Features

- **Fast and Accurate**

An efficient overhead parcel dimensioning system designed for high-volume shipping applications.

- **Advanced Technology**

Equipped with 3D imaging technology and advanced algorithms, optimizing time and throughput for small to medium-sized operations.

- **Flexible Operation**

Conduct local setup and daily operation via the touchscreen or remotely configure and measure through the built-in web-based tool accessed from an Ethernet-connected host.

- **Automatic Data Transfer**

Schedule daily measurement data and snapshots to be transmitted to a designated host.

- **Versatile Modes**

Supports various automatic and manual measurement modes, completing the measurement process in about one second with no specific orientation required.

- **Comprehensive Calculation**

Automatically calculates parcels and irregular-shaped packages such as cylinders, spheres, tubes, polybags, and uneven shapes, eliminating the risk of human error.

- **Claims Support**

Each dimension provides an overhead image for claim disputes on damaged packages.

- **Real-time Feedback**

Color touchscreen display offers instant feedback, including live pictures, measurements, weight, and operator functions for day-to-day use.

Measurement Range

Model VM601

Mounted Height: 120cm
(d=0.5 regular shape, d=1 irregular shape)

Object Height (cm)	Maximum Length (cm)	Maximum Width (cm)
2.54	120	75
15	105	65
25	95	60
40	75	45
60	55	30

Mounted Height: 150cm
(d=0.5 regular shape, d=1 irregular shape)

Object Height (cm)	Maximum Length (cm)	Maximum Width (cm)
2.54	155	95
25	130	80
50	100	60
70	75	45
90	55	30

Mounted Height: 180cm
(d=0.5 regular shape, d=1 irregular shape)

Object Height (cm)	Maximum Length (cm)	Maximum Width (cm)
7.62	190	115
30	160	100
60	125	75
90	90	55
120	55	30

Model VM602

Mounted Height: 70cm
(d=0.5 regular shape, d=1 irregular shape)

Object Height (cm)	Maximum Length (cm)	Maximum Width (cm)
2.54	65	40
5	60	35
10	55	30
15	45	25
25	35	20

Mounted Height: 95cm
(d=0.5 regular shape, d=1 irregular shape)

Object Height (cm)	Maximum Length (cm)	Maximum Width (cm)
2.54	95	55
10	85	50
20	70	40
30	60	35
40	50	30

Mounted Height: 120cm
(d=0.5 regular shape, d=1 irregular shape)

Object Height (cm)	Maximum Length (cm)	Maximum Width (cm)
2.54	120	75
15	105	65
25	95	60
40	75	45
60	55	30

Specification

Physical Characteristics

VM600 camera (WxLxH)	160 x 138 x 53 mm
Full assembly with Stand	500 x 900 x 1650 mm (camera at 150cm)
VM600 camera (weight)	725 g (25.57 oz)
Full assembly with Stand (weight)	19.16 kg (42.24 lbs)

Physical Characteristics

Input voltage	DC 12V
Power consumption (Typ.)	600mA operating

I/O Ports

USB 3.0 Type A (Host) x 3
USB 3.0 Type C (Device) x 1
HDMI x 1
Ethernet port x1
Power jack port x 1

Environmental Specifications

Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Relative humidity	0 to 70% relative humidity, non condensing
Ambient light	0 to 10000 lux, avoid direct sunlight
Sealing protection	IP42

Performance Specifications

Field of view	Horizontal 74°, Vertical 50°
Shape	Cubic, cuboidal and irregular shapes
Accuracy	d=0.5, less than ± 0.5 cm deviation / irregular d=1
Measurement time	Less than 1 second
Texture	All opaque packaging, except very glossy and transparent
Measurement surface	The background should have a contrasting color for items to be dimensioned, avoid over polished or glossy surfaces for best performance
Indicator	Beep and LED

VM600 consists of a dimensioning camera plus its accessories suite.

Accessories suite:

10.1" touch panel, HDMI and USB cables to connect touch panel, 3m Ethernet cable, power adaptors, and a 10cm cube calibration box

VM601 consists of **VM600**, an adjustable high stand (120/150/180cm), and an electronic weighing scale with an EXK weighing pal kit.

VM602 consists of **VM600**, an adjustable short stand (70/95/120cm), and an electronic weighing scale with an EXK weighing pal kit.

Electronic Weighing Scale:

30kg x 0.01kg with SUS304 stainless steel platter and USB type A to communicate to PC with 334 x 254 x 100 mm dimensions



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