

NATURE & HUMAN FRIENDLY TECHNOLOGY





01

Healthcare

Medical devices, Accurate medical body measurement system

02

High-Accurate sensors

Industrial measurement based on weighing

03

Agriculture, Livestock measurement

Agricultural, livestock, Poultry weighing automation system



Nature & Human Friendly Technology

History

- 1995
Established company (Location: Chang-dong, Seoul).
Developed 196 channel Load cell data collection device.
- 1997
Developed indicator for industrial scale.
- 1999
Registered a patent for chicken weight measuring equipment.
- 2000
Developed Weight and Height measuring system (GL-150 Series).
- 2003
Developed multipurpose portable scale (GL-6000 Series).
- 2004
Participate in Beijing High-Tech Exhibition 2004.
Registered a patent for Weight and Height measuring system.
Registered a patent for Home healthcare management and method system.
Registered a patent for Voice fruit sorting machine and method.
Certified ISO 9001.
- 2005
Pressure Transducer CE Approved.
- 2006
Ministry of Science & Technology minister emblem.
Medical equipment importing permission.
- 2007
Acquisition of Medical equipment manufacture permission.
GMP Approved Body fat Analyzer.
GL-350 CE Approval.
- 2009
Developed body fat analyzer and Hand sanitizer.
- 2010
Export Hand sanitizer.
- 2011
Established a foreign branch (Beijing/ China).
Food trash meter-rate system.
- 2013
Auto packer (for agricultural).
- 2014
Developed Bed Scale Indicator.
- 2015
Developed Quantitative Feeder. (Power, Granule)
Developed Multi-purpose electronic scales. (GW Series)
- 2016
Selected as an excellent product by the Public Procurement Service.
(Food waste weighing equipment)
- 2017
New building extension. (floor space 500m²)
- 2018
Reddot Design Award in Germany.
Nominated the Global strong small & medium company by the Korean government.

WEIGHT AND HEIGHT MEASURING SYSTEM



Product

GL-150

GL-150P

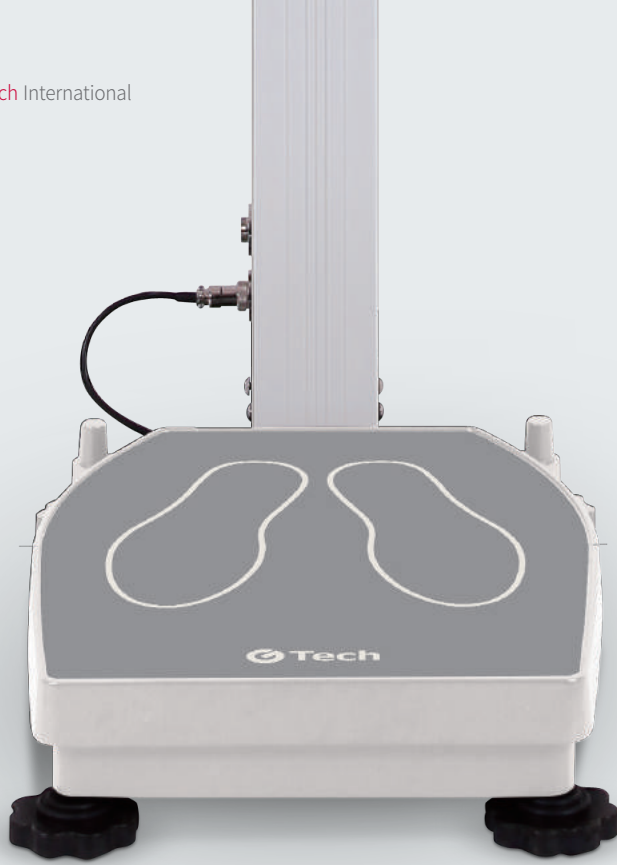
GL-300

GL-310

	GL-150	GL-150P
Weight, Height, BMI, Obesity type, Standard Weight	●	●
Sitting height		
Standing Guide	●	●
Display	LED	LED
Thermal Printer(option)		●
Interface(option)	●	●
Weight Range	10 ~100 kg (Graduation : 50 g),100 ~200 kg (Graduation : 100 g)	
Height Range	90 ~ 200 cm (Graduation : 1 mm)	



GL-300	GL-310
●	●
●	
●	●
LED	LCD
●	●
●	●
10 ~100 kg (Graduation : 50 g), 100 ~200 kg (Graduation : 100 g)	10 ~ 200 kg (Graduation:50g)
60 ~ 150 cm (Graduation: 1mm), 30 ~ 120 cm (Graduation: 1mm)(sitting)	90 ~ 200 cm (Graduation: 1mm)



WEIGHT AND HEIGHT MEASURING DEVICE(BMI)

GL-150

Features

- Weight and Height auto measurement
- Provide BMI which is world obesity standard
- Height touch bar fold function to avoid being broken
- Display can be rotated 180 degree
- Easy to install and operate
- Interface function(RS-232C)
- Option : Thermal Printer(GL-150P)



	GL-150
Output contents	Weight, Height, BMI
Height Range	90 cm ~200 cm (Graduation : 1 mm)
Weight Range	10 kg ~200 kg (Graduation : 50 g /100 g)
Interface	RS-232C
Display	Red LED
Power	IN-PUT: 110V~240V, OUT-PUT50/60Hz, 15V/2.4A
Dimension	330[W] * 526[D] * 2200[H] : mm

WEIGHT AND HEIGHT MEASURING DEVICE(PRINTER)

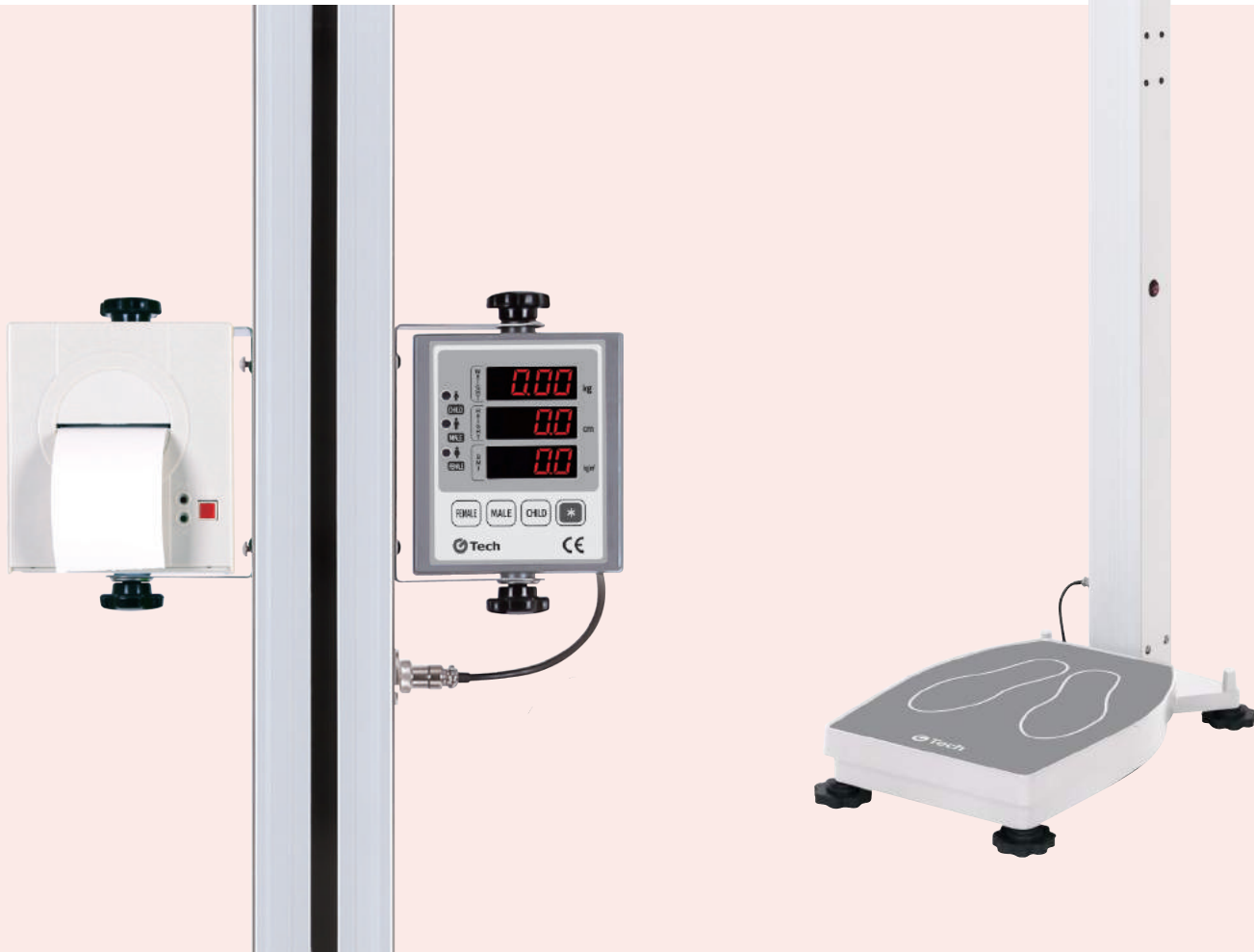
GL-150P

Features

- Weight and Height auto measurement
- Provide BMI which is world obesity standard
- Height touch bar fold function to avoid being broken
- Display can be rotated 180 degree
- Easy to install and operate
- Interface function(RS-232C)
- Option : Thermal Printer(GL-150P)



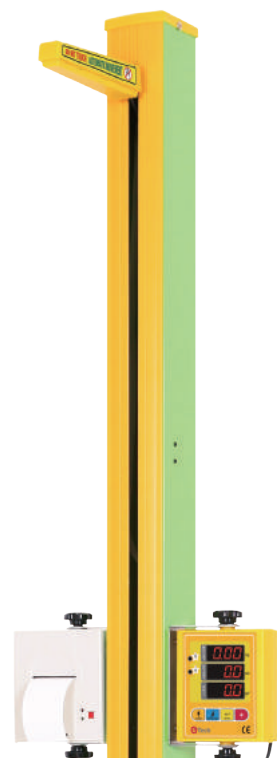
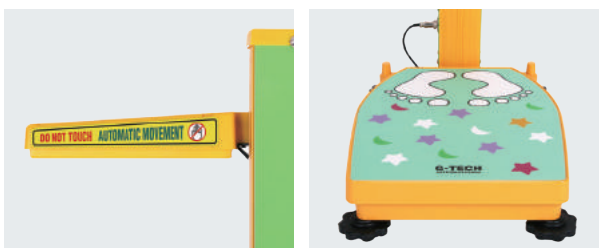
	GL-150P
Output contents	Weight, Height, Standard Weight, BMI, Obesity rate(%), Obesity type
Height Range	90 cm ~200 cm (Graduation : 1 mm)
Weight Range	10 kg ~200kg (Graduation : 50 g / 100 g)
Printer	Built in Thermal printer
Display	Red LED
Power	IN-PUT: 110V~240V, OUT-PUT50/60Hz, 15V/2.4A
Dimension	330[W] * 526[D] * 2200[H] : mm



WEIGHT AND HEIGHT MEASURING DEVICE FOR CHILDREN **GL-300**

Features

- Weight and Height auto measurement
- Provide BMI which is world obesity standard
- Able to measure sitting Height
- Display can be rotated 180 degree
- Easy to install and operate
- Interface function(RS-232C)
- Option : Thermal Printer(GL-300P)



GL-300	
Output contents	Weight, Height, Standard Weight, BMI, Obesity rate(%), Obesity type
Height Range	60 cm ~150 cm (Graduation : 1 mm)
Sitting Height Renge	30 cm ~120 (Graduation : 1 mm)
Weight Range	10 kg ~99 kg (Graduation : 50 g), 100 kg ~200 kg (Graduation : 100 g)
Display	Red LED
Power	IN-PUT: 110V~240V, OUT-PUT50/60Hz, 15V/2.4A
Dimension	330[W] * 526[D] * 1,710[H] : mm





WEIGHT AND HEIGHT MEASURING DEVICE(BMI) **GL-310**

Features

- Weight and Height auto measurement
- Provide BMI which is world obesity standard
- Height touch bar fold function to avoid being broken
- Display can be rotated 180 degree
- Easy to install and operate
- Interface function(RS-232C, Bluetooth)
- Option : Thermal Printer(GL-310P)



**Communication
function with
bluetooth**

	GL-310
Output contents	Weight, Height, Standard Weight, BMI, Obesity rate(%), Obesity type
Height Range	90 cm ~200 cm (Graduation : 1 mm)
Weight Range	10 kg ~99 kg (Graduation : 50 g), 100 kg ~200 kg (Graduation : 100 g)
Interface	RS-232C, Bluetooth
Printer(option)	Built in Thermal printer
Display	Black and White graphic LCD (128* 64)
Power	IN-PUT: 110V~240V, OUT-PUT50/60Hz, 15V/2.4A
Dimension	350[W] * 530[D] * 2200[H] : mm



HAND SANITIZER

GHC Series

Features

- Hand sanitizer for prevention of variety of infective diseases
- Equipped with 3 infrared sensors to detect any angle of hand
- Easy to move and install
- Alarming function to refill antiseptic solution
- All kinds of liquid antiseptic solution can be used(Alchole / Non alchole)
- Able to control the injection volume and drying time
- 10L can be used 15,000~18,000 times
- Apply for the place where many people corwed likes as Theater, Resturant, Hospital, and School... e.t.c



GHC-1100



GHC-1100	
Injection volume	0.8ml/sec(1 time),Able to control the volume of injection(0.5~ 2.0 ml)
Operation method	Auto injection by infrared sensor detection
Power supply(Adaptor)	Input : AC 110 or 220V , Output: DC 12V, 1A
Capacity	10 L
Dimension	360[W]*280[D]*1200[H] :mm

WHEEL CHAIR SCALE

GWS-200

Features

- Wheel chair can be loaded on the platform easily
- Compact structure to install and carry
- Bright and clear backlight LCD display
- Improving the working environment for nurses in Hospitals and any other rehabilitation facilities



	GWS-200
Weight range	200 kg
Graduation	50 g
Display	6 Digit LCD[Back light]
Dimension	1,000[W] × 1,000[D] × 1,120[H] mm
Dimension of Platform	800[W] × 800[D] mm

CHAIR SCALE

GCS-200S

Features

- Able to measure the weight of patients in the place where patient are
- Easy to measure the weight of patients who can not stand by themselves
- Caster lock function to prevent from slipping
- Improving the working environment for nurses in Hospital and and other ehabilitation facilities



	GCS-200S
Capacity	200 kg
Graduation	100 g
Display	6 Digit LCD[Back light]
Power(Adaptor)	(Option) AC Adapter : Input: AC 110/220V, 50/60Hz, Output: DC 6V/500mA
	Alkaline Battery: 4.5 V(AA Size 1.5 V x 3 PCS)
Dimension	630[W]*793[D]*996[H] :mm

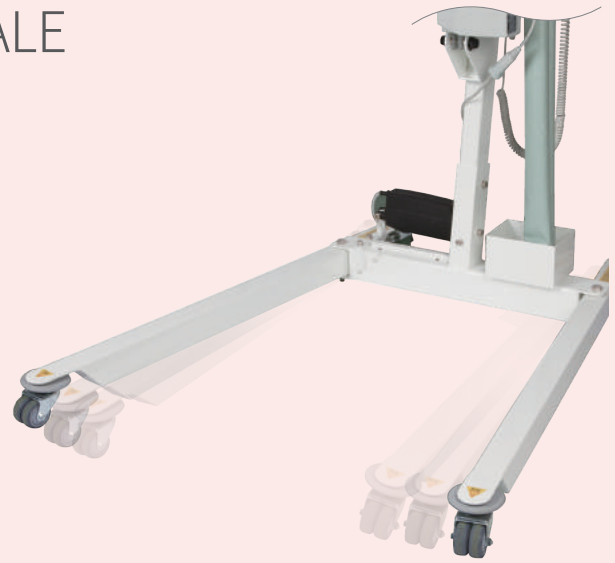


MEDICAL ELECTRONIC BED SCALE

GBS-150A

Features

- Weight measurement for the patients of renal failure, cerebral apoplexy or Who can not move well
- Operation by auto remote controller
- Stop button for emergency situation
- Caster lock function to prevent from slipping
- Minimizing the stress of patient with easy measurement



	GBS-150A
Weight range	150 kg
Graduation	50 g
Display	6 Digit LCD[Back light]
Dimension	640[W] × 1,400[D] × 1,314[H] mm

EXIT & FALL DETECTION DEVICE FOR BEDRIDDEN PATIENTS

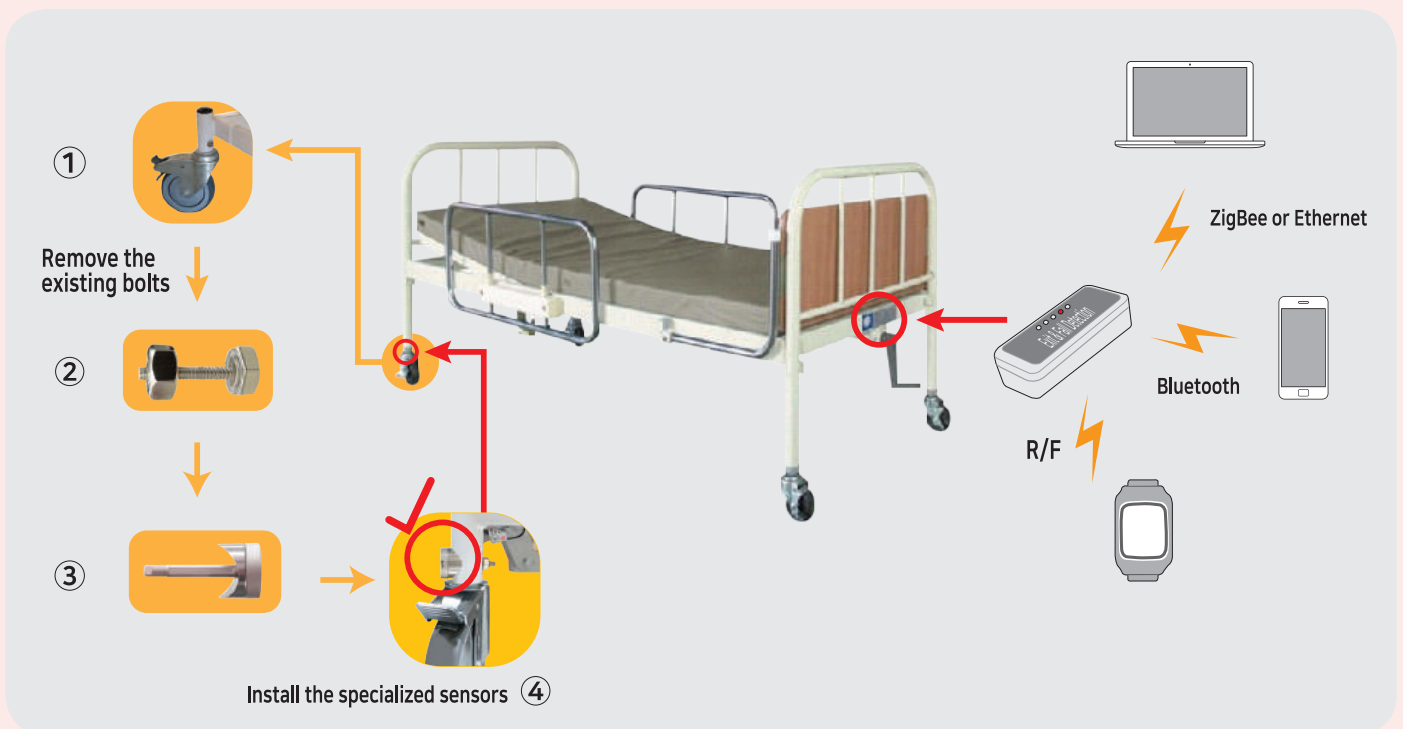
GUARDIAN KIT

You can detect them easily by installing the specialized sensors & communication kit in the existing patients bed

Features

- Improve the existing patient beds with a new detecting function.
- You will detect whether the patient is present or not in bed through newly equipped the specialized sensors.
- The detected results will be transmitted to the nurses or guardians through various wireless communication technology.
- Pre-Set function of warning time in accordance with user's requirement
- Communication options : R/F, Bluetooth, Wi-Fi, ZigBee, RS-232, Ethernet, etc.

Installation diagram



	Guardian Kit
Power supply	AC 110V/220V (DC 12V, 1A)
Capacity	300 kg (Including bed weight)
Communication options	R/F, Bluetooth, Wi-Fi, ZigBee, RS-232, Ethernet

IMPROVE CONTROLLING SYSTEM OF MEDICAL WASTE

MEDICAL WASTE COLLECTOR

1. Register the amount for the throwing away medical waste at the spot
2. Eventually we can upgrade the system to manage medical waste efficiently & hygienically

Features

- High precision digital weighing by load cell
- Radio frequency identification system.
- Communication from the device to the main server
- Automatically spray the antiseptic solution

What you control in the System

- Waste Date, Time
- ID (Nurse's name) of wasted person
- Which ward discharged the medical waste
- Cumulative Weight of medical waste

Short manual

1. Standby mode



2. Tag card to open the door



3. Door opened



4. Throw away the medical waste



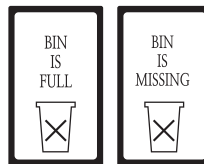
5. Tag card again to close the door



6. Measured weight is displayed after door closed



7. Bin is full / Bin is missing



	Medical Waste Collector
Product name	Medical Waste Collector
Display	Graphic LCD (Back Light)
Opening and closing system	Automatic
Scales Specifications	Capacity : 150 kg / Division : 50 g
Waste bin capacity	120 liter, less than 970 mm in height
RFID card reader	13.56 Mhz
DATA Interface method	RS-232
Waste bin detection	Weight and volume detection sensor applied
Power Supply(SMPS)	Input : AC 100 ~ 240 V / 50 ~ 60 Hz Output : DC 18V / 2A
Product Size	650(W) mm X 690(D) X 1065(H), 1645 (including canopy)
Product Weight	About : 70 kg

Certificate of conformance



GL-310 CE Certificate



GL-150 CE Certificate



GL-150 FCC Compliance



GL-310P FCC Compliance



GL-390 CE Certificate



ISO 9001



Hand Sterilizer CE Certificate

Certificate list of patent

- Chicken weight measuring device
- Obesity measuring method
- Voice fruit sorter and its method
- Weight and height measuring system for vending machine
- Health care system for family use
- Sitting height in weight and height measuring system
- Feet massage
- Baby massage mat
- Intelligent massage chair
- 9 others

