

BYTRONICS



Weighing Scales & Systems

Your SMART business partner

BYTRONICS COMPUTERS LTD T/A BYTRONICS WEIGH SCALES

PRODUCT CATALOGUE

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This catalogue comprises of description, features and specification of some of the products supplied and serviced by Bytronics Weigh Scales.

BWS-HTR -1-150 HANGING SCALE



- Capacity 60kg ~ 150kg
- Approved by Weights and Measures –Kenya and Tanzania
- Compact ABS plastic casing
- Waterproof and Dustproof Meet IP65 Regulation
- Wash down, dustproof , pest-resistant and durable design
- Accuracy up to 1/3000 resolution
- Stable display when swinging
- Clearly 1" red LED or 1" black LCD display
- Auto zero and full range tare
- Hold function
- kg/lb conversion modes
- Net/Gross weigh modes
- Stainless steel upper and bottom ring
- Safe overload >250% of the scale capacity
- Ultimate overload > 500 % of the scale capacity
- Low battery power and charging indications
- Built in rechargeable battery 6V/3A
- Battery life -60 hrs
- 24hrs- with optional wireless communication
- Fitted with swivel and metal casing for protection
- Net weight – 5kg

A ROBUST HEAVY DUTY PORTABLE DIGITAL HANGING SCALE USED IN TEA, MILK, TOBACCO INDUSTRIES AMONG OTHER AREAS

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BYTRONICS COMPUTERS LTD. T/A BYTRONICS WEIGH SCALES
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BWS- HA-03 CRANE SCALE



The suspended scale is used in conjunction with a crane due to the heavy weight it has to weigh and in this particular case ranging from 1.500kg to 2500kg and is suitable in industries.

Features

- High impact ABS housing
- Capacity. 1.5t / 2t/ 2.5t
- Accu.1/2000~1/3000
- Super bright red LED 0.6" display
- Patented Load Cell technology to prevent overload damage and in-accurate weighing.
- Patented both in Taiwan & USA
- Patented non-screw innovative connection between upper-ring, Load Cell and bottom-hook to avoid loosen or breakage problems.
- Safety overload: 250% of the scale capacity
- Ultimate overload:400%~500% of the scale capacity
- 360°swivel hook
- Auto zero and tare function
- Low battery power and charging indication
- Rechargeable battery operation
- CE approved

Specifications

Model	HA-03
Capacity/Division	1.500kgx500g, 2000kgx1kg, 2500x1kg catio
Display	0.6" Red LED
Power	Ac adaptor or Rechargeable battery DC 6V4Ax2PCS
Battery life	130hrs
Option	wireless remote control

BWS-W.BRIDGE



Description

The Weighbridge is fabricated from modular orthotropic U- beams welded to anti chequer steel plates and is fitted with 4, 6, or 8 hermetically sealed compression type or beam digital or analog load cells. The capacities range from 20,000kg to 100,000kg. The deck dimensions depend on usage and may range from 6m -21m in length with a standard width of 3000mm. The weighbridge may be either pit or surface mounted depending on customer requirements and availability of space. The weighbridge is fitted either to a digital indicator with an alphanumeric keyboard and a printer or a simple indicator and a PC loaded with Bytronics WeighSOFT weighbridge weighing software and a printer.

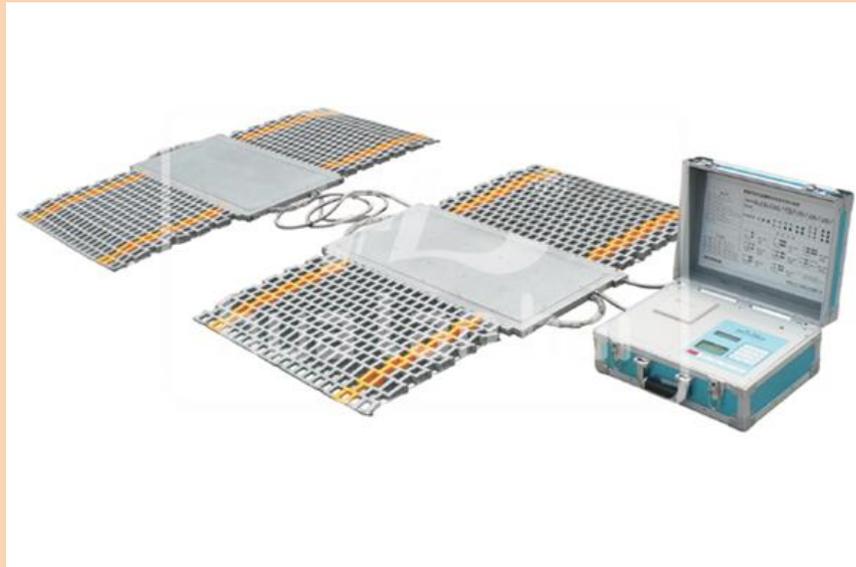
Features

- Weighbridges are fully welded type and modular for ease of handling during transportation and installation.
- The orthotropic beams are 220-250mm deep and require shallow pits which are cheaper to construct and easier to drain.
- The weighbridges are fitted with service plates at each load cell location for maintenance purposes
- The load cells are OIML certified, current calibrated making it easier to calibrate with little or no corner trimming to achieve equal loading on the weighbridge platform.
- Well protected by being blast cleaned and painted.
- The whole weighbridge structure is earthed at all the load cell plates to protect from lightning strikes.
- Where the load cells do not have inbuilt surge protection such as the beam type a lightning protection unit is incorporated within or outside the junction box.

Specifications

<i>Item</i>	<i>Description</i>	<i>Specification</i>
1	Capacity	50.000kg -100000kg
2	Dimensions	18000mm long X 3000mm wide
3	Type	Either Pit or Surface mounted
5	Structure	Steel beams with chequer plates in modules of 1.5m x 5.8m long with weigh bars, the quantity of which depends on length and capacity of the weighbridge
6	No. of load cells	Depends on length and capacity
7	No. of modules	Depends on length and capacity
8	Protection	Blast cleaned and Painted
9	Accessories	Any indicator Type approved, lightning protection, cables, junction box included
10	Civil works	This comprise excavation, reinforced concrete for walls and load cell plinths, ramps etc.

BWS-PORTABLE AXLE WEIGHER



PORTABLE AXLE WEIGHER- BX101SH

<i>Features</i>		
1	Has multiple load cells in each weigh pad integrated in a slim structure with light weight of less than 20kg per pad.	
2	Designed to withstand vehicle impacts and protected against water ingress	
<i>Application</i>		
1	Weighing in construction, forestry and waste disposal industries and axle load enforcement on roads	
2	Weighing of planes in aviation industry	
3	Weighing of axle and wheel weights in vehicles production lines	
4	General weighing of wheel and axle of vehicles in the distribution systems as in ware houses	
<i>Specification</i>		
1	Axle weighing range	20.000kg-40000kg
2	Dimensions	6000mm long X 3000mm wide X 280mm high
3	Display	LCD 13mm high, Single and double axle display
4	Accuracy	Static +- 0.3% FS and Dynamic +_ 1%FS
5	No. of load cells	Multiple load cells in the weigh pad
6	Velocity	3-km/h
7	Use Temperature Range	10-60C
8	Relative humidity	90%
9	Cables*	included

- OPTION OF A WIRELESS one with no cables- BX1E3W

BWS 1 – PLATFORM SCALE



These are heavy duty industrial platform scales, based on single point load-cells.

Specifications

- ◆ Fabricated from mild steel sections and plates with an option of top stainless steel cover
- ◆ Is fitted with single point load cells.
- ◆ Capacities range from 100kg to 300kg
- ◆ Dimensions of the platforms range from 450mm x 450mm to 800mm x 800mm.
- ◆ Finished with epoxy paint or hammer finish
- ◆ Fitted with a digital indicator

Features

- ◆ Fully welded type with removable top cover
- ◆ Overload protection of load cell

The load-cell cable to the indicator is fitted in a nylon tube to protect it from mechanical damage and secured at the two ends such for the nylon tube takes tension should there be some pulling. The type of indicator will depend on application. It can be one with either rechargeable battery or one powered directly from the Mains. The enclosure may also be stainless steel or other with varying degrees of protection.

BWS 4 – PLATFORM SCALE



Specifications

- ◆ Fabricated from mild steel sections and plates with an option of top, either being stainless steel or non skid cover
- ◆ Is fitted with four beam type load cells.
- ◆ Capacities range from 500kg to 5000kg.
- ◆ Dimensions of the platforms range from 1000mm x 10000mm to 3000mm x 3000mm.
- ◆ Finished with epoxy paint or hammer finish
- ◆ Fitted with a digital indicator

Features

- ◆ Fully welded type with removable top cover

Load-cell cable to the indicator is fitted in a nylon tube to protect it from mechanical damage and secured at the two ends such a way that the nylon tube takes tension should there be some pulling. The type of indicator will depend on application. It can be one with either rechargeable battery or one powered directly from the Mains. The enclosure may also be stainless steel or other with varying degrees of protection.

BWS –TW PLATFORM SCALES

since 1955

NAGATA

TW Series

TW Series Washdown Weighing Platform Scale

Suitable operation in high moisture, dusty and erosion environments including fish markets, food processing industries, chemical industries, casting factories,...

Waterproof and Dustproof Meet IP65 regulation

Features

- Waterproof and Dustproof Meet IP65 regulation
- Fast, Clear and stable digital display
- Capacities from 30kg to 300kg
- Patent washdown sealed ABS base resist water and dust
- Flat keyboard with audible feedback
- Auto calibration function
- Auto zero and full tare function
- Kg/ lb weighing unit conversion
- Net weight and gross weight mode
- High and low limited weight value
- Build-in rechargeable battery and AC power
- Low battery and charging signal
- Adjustable feet and level design
- Optional selection for black 1" LCD or red 0.6" LED or red 1" LED display



BWS-KW BENCH SCALES

NAGATA
KW series

Bench Scale

Features

- Auto calibration
- Auto zero & full tare
- 1/6000 display resolution
- Keyboard with audible feedback
- Adjustable indicator for easy viewing
- Overload protection patent design for load-cell
- Selectable weighing mode: kg or lb
- Alert user when reaching preset weight
- Tool steel load cell accuracy & sturdy
- High quality die-cast alloy alum. Platform
- Special inner platform design to prevent dust and water drifting

The image displays four different models of Nagata Bench Scales. Each scale consists of a flat platform on four legs and a vertical column with a digital display and control panel. The scales are arranged in a cluster, with the KW-605W-RL15 model being the largest and darkest, and the KW-302-RL10 being the smallest and lightest. The other two models, KW-302-B and KW-302-R, are of intermediate size and color.

Labels for the scales: < KW-302-B, < KW-302-R, KW-605W-RL15 >, KW-302-RL10 >

BWS-LCS –CYT-ANALYTICAL SCALES

NAGATA

ELECTRONIC WEIGHING SCALES

1/15,000 display resolution

LCS-06S / LCS-06 / LCS-12

Features

- Easy-to-read green tube 0.5" high display
- Auto calibration
- Auto zero tracking & full range tare
- Selectable weighing units: kg or lb
- Selectable 3-level division readability
- Power Supply: AC110 or 220V±10% 50/60 Hz

Specifications

Model	LCS-06S			LCS-06			LCS-12		
Capacity	150g	300g	600g	1.5kg	3kg	6kg	6kg	15kg	30kg
Division	0.01g	0.02g	0.05g	0.1g	0.2g	0.5g	0.5g	1g	2g
Platter	130mm(dia)			195x195mm			290x240mm		
Dimension (WxDxH)	205x280x105mm						295x345x142mm		
Option	• RS-232								

CYT-12

Features

- Easy-to-read red LED 0.6" high display
- Auto calibration
- Auto zero tracking & full range tare
- Selectable weighing units: kg/lb or g/oz
- Check weigh function (HI/ OK/ LO)
- Low battery and charging status signal
- Power Supply: Rechargeable battery DC 6V/4.5A and AC power

Specifications

Model	CYT-12		
Capacity	6kg	15kg	30kg
Division	0.5g	1g	2g
Platter	290x240mm		
Dimension (WxDxH)	295x345x142mm		
Option	• RS-232		



LCS-06S
(wind shield included)



LCS-06



LCS-12



CYT-12

CE ISO 9001

BWS-BW-0365 Baby Scale



This hospital grade baby scale provides a large, stable, no tilt tray with high side walls for safe weighing. Large hygienic ABS platter, easy to clean. High quality loading structure with two load cells for stable weighing. The optional Weight difference digital measuring rod is convenient for measuring weight and height at the same time.

Feature & Function:

- Easy to read LCD 1" high display, accuracy up to 2g.
- Simple auto hold function after weighing measurement.
- Tare function to subtract the weight of diaper, blanket, etc.
- Designed to facilitate weighing precision for moving, active babies.
- Easy to recall weighing result is convenient for nurses to take care of a baby in advance after weighing.
- 9 sets of baby's weight memory.
- Weight difference function can be a basis to evaluate the milk volume ingested by a baby.
- Auto power off design and low battery warning indicator.
- Bubble level indication.
- Four adjustable rubber feet to adjust balance of scale.
- Select H960 digital measuring rod for an efficient measurement of height.

Capacity 15kg

Graduation 2g<6kg>5g

Platform Size 600 x 270 mm

Dimension 600 x 300 x 160 mm

Power Supply AC adaptor & AA Batteries (not included)

Display 0.9" Black LCD

Option H960 Measuring Rod, RS232, Backlight display

BWS-BW2332MH Handrail Scales with Digital Measuring Rod



This scale is especially accommodating for elderly, frail, or large patients. It features a large platform of 60x60 cm with a low profile for easy access. The sturdy, large diameter handrail with grips provides extra support and safety during weighing. High strength loading structure is extremely durable. Casters at the rear of the platform ensure easy moving. Digital height rod provides easy one step determination of weight, height, and BMI.

Feature & Function:

- High capacity of 300kg.
- Easy to read LCD 1" high display.
- Compact platform and high strength loading structure for safety and accurate weighing.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.
- Power saving Auto-off feature at 3, 5, or 10 minutes.

Capacity 300kg

Graduation 100g

Platform Size 600 x 600 mm

Dimension 720 x 640 x 1170 mm

Power Supply AC adaptor & AA Batteries (not included)

Display Height / Weight / BMI (0.8"/0.8"/0.5")

Indicator BW-8263 BW-8262

Optional RS232, Backlight display, TF Thermal printer

BWS-BW-1310H Physician Scale



The compact ABS platform with its non-skid footprint, and the adjustable feet ensure stability and safety while the patient or client is being weighed on the scale. The increased strength metal loading structure allows high loading capacity. Unique platform with integrated pillar is a stylish compact configuration which minimizes space requirements.

Feature & Functions:

- High capacity of 250kg.
- Easy to read LCD 1" high display.
- Compact platform and high strength loading structure for safety and accurate weighing.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.
- Adjustable angle indicator.
- Power saving Auto-off feature at 3, 5 or 10 minutes.

BWS-BW-1330MH Handrail Scale



The high quality construction and 300kg weighing capacity accommodates the largest patients. Sturdy, large diameter handrail design with grips for extra patient support and safety. Large 60x60cm, low profile platform for easy access. Casters at the rear of the platform ensure easy moving.

- High capacity of 200kg.
- Easy to read LCD 1" high display.
- Compact platform and high strength loading structure for safety and accurate weighing.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.

Model BW-1330M

Capacity 300kg

Graduation 100g

Platform Size 600 x 600 mm

Dimension 720 x 640 x 1095 mm

Power Supply AC adaptor & AA batteries (not included)

Display 1" Black LCD

Indicator BW-8153

BWS-BW-0378 Digital Baby Scale



This hospital grade baby scale provides a large, stable, no tilt tray with high side walls for safe weighing. Large hygienic ABS platter, easy to clean. Simple adjust the digital measuring rod to touch the baby feet while they are being weighed, and the display will automatically show the height and weight. Adjustable angle of the indicator for easy viewing. Digital measuring rod lets measuring just in one step.

Feature & Function:

- Easy to read LCD 0.8" high display, accuracy up to 5g.
- Simple auto hold function after weighing measurement.
- Tare function to subtract the weight of diaper, blanket, etc.
- Designed to facilitate weighing precision for moving, active babies.
- Easy to recall weighing result is convenient for nurses to take care of a baby in advance after weighing.
- Auto power off design and low battery power warning indicator.
- Bubble level indication.
- Four adjustable rubber feet to adjust balance of scale

Specifications

Capacity 20kg

Graduation 5g<10kg>10g

Platform Size 600 x 300 mm

Dimension 637x 510 x 375 mm

Power Supply AC adaptor & AA Batteries (not included)

Display 0.8" Black LCD

Option RS232, Backlight display, TF Thermal Printer

BWS-BW-1322H Physician Scale



The high strength metal platform and loading structure is extremely durable. Safe non-skid surface and adjustable rubber feet, along with an attached caster for easy moving.

- High capacity of 250kg.
- Easy to read LCD 1" high display.
- Compact platform and high strength loading structure for safety and accurate weighing.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.
- Adjust angle indicator.
- Power saving Auto-off feature at 3, 5 or 10 minutes.

Model BW-1322

Capacity 250kg

Graduation 100g 100g

Platform Size 320 x 375 mm

Dimension 320 x 510 x 1035 mm

Power Supply AC adaptor or AA batteries(not included)

Display 1" Black LCD

Indicator BW-8153

Option H910 Measuring Rod, RS232, Backlight display, TF Thermal Printer

BWS- BW-1328MH PHYSICIAN SCALE



The large platform features an anti-slip surface to ensure safety, with a heavy steel structure for durability. Maximum capacity is up to 300kg.

- High capacity of 300kg.
- Easy to read LCD 1" high display.
- Compact platform and high strength loading structure for safety and accurate weighing.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.
- Adjustable angle indicator.
- Power saving Auto-off feature at 3,5 or 10 minutes

Capacity 300kg

Graduation 100g 100g

Platform Size 400 x 450 mm

Dimension 400 x 580 x 1045 mm

Power Supply AC adaptor & AA batteries(not included)

Display 1" Black LCD

Indicator BW-8153 BW-8152

Option H910 Measuring Rod, RS232, Backlight display, TF Thermal Printer

BWS- BW-3136AK

Chair Scale with 4 swiveling wheels



Chair scale features 4 swiveling wheels and a large, hygienic ABS seat. The rugged tubular steel frame with powder coating maintains its shine and cleans up easily. Side folding footrests are easy for easy access.

Feature & Function:

- High capacity of 250kg.
- Easy to read LCD 1" high display.
- Compact platform and high strength loading structure for safety and accurate weighing.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.
- Adjustable angle indicator.
- Power saving Auto-off feature at 3, 5, or 10 minutes.

Capacity 300kg

Graduation 100g

Seat Size 480 x 500mm

Dimension 665 x 850 x 940mm

Power Supply AC adaptor & Rechargeable Battery

Display 1" Black LCD

Footrest Side folding footrest

Indicator BW-8152

Design Rear indicator

Swiveling Wheel 4pcs

Option RS232, Backlight display, TF Thermal printer

BWS - BW-5156M

Wheelchair scales with handrail



Robust handrails allow weighing wheelchair bound patients, patients standing with a walker, and patients sitting on a stationary chair. Durable, large 76 x 80cm platform has a low angle and integrated ramps for easy-on, easy-off access. The scale can be quickly folded to reduce storage space. Optional expanding ramp makes it easy to access the scale with a wheelchair.

Feature & Function:

- High capacity of 300kg.
- Easy to read LCD 1" high display.
- Compact cast iron base allows 200% overload protection.
- Tare function to subtract the weight of client's belongings, etc....
- Accurately measure the client's weight data automatically, without touching any keys.
- The "Hold" key improves weighing accuracy for unsteady or shaking clients.
- "Recall" key improves record keeping, by displaying the client data after they have stepped off the weighing platform.
- BMI (Body Mass Index) function.
- Adjustable angle indicator.
- Power saving Auto-off feature at 3, 5, or 10 minutes.

Capacity 300kg

Graduation 100g

Platform Size 760 x 800 mm

Dimension 1080 x 990 x 980 mm

Power Supply AC adaptor & Rechargeable Battery

Display 1" Black LCD

Indicator BW-8152

Design BW-5156 with handrail

Option RS232 , Backlight display, TF Thermal Printer

BWS-420 Plus Digital Weight Indicator



The 420 Plus is a single-channel digital weight indicator housed in a NEMA Type 4X/IP66-rated stainless steel enclosure. The indicator front panel consists of a large (.8 in, 20 mm), six-digit, and seven-segment LED display and twenty-one-button keypad. Features include:

- Drives up to eight 350 Ω or sixteen 700 Ω load cells
- Supports 4- and 6-wire load cell connections
- Two configurable digital inputs
- Two configurable digital outputs
- Electronic data processing (EDP) port for full duplex, RS-232 communications at up to 38400 bps
- Printer port for output-only RS-232 or 20 mA current loop communications at up to 38400 bps
- Optional analog output module provides 0–10 VDC or 0–20/4–20 mA tracking of gross or net weight values
- Available in 115 VAC and 230 VAC versions
- Available in DC power version The 420 Plus is NTEP-certified and pending Measurement Canada approval for Classes III, III HD, and III L at 10,000 divisions.

BWS-EXCELL GW 68 INDICATOR



Description

- IP 68: mist-proof, waterproof and dustproof
- Extra-large and wide LCD display (175 x 70mm) 6 digits with 55mm height
- LCD display with COOL WHITE LED backlight
- RS-232+RTC(Real Time Clock) interface
- Up to 1/15,000 display resolution
- Unit switch key for Kilogram (kg) and pound (lb), etc.
- Full range tare, Pre-tare, Auto zero tracking, Sampling counting, Gross/Net Indication
- Hold function, Check mode Lo / Hi / OK, Auto average unit weight, Animal scale function
- Low power indication and auto power off
- The Sleeve connecting stand comes standard; the U shape stand is optional

Specification

Operating Temperature: -10°C ~ 40°C (14°F ~ 104°F)

Power Source: AC110V/230V (±10%) or DC 6V / 4Ah rechargeable battery

Dimensions: 238 x 156 x 90mm (W x H x D)

Display: LCD 6 Digits; 55 mm (Height); COOL LIGHT LED backlight

Options

- Wireless for distance 100M available (SPP mode supported)
- Convenient foot switch for Zero, or Tare, or Print
- RS-485 data-transfer interface
- U shape stand

BWS-VPG VT300D DIGITAL INDICATOR



Description

The VT300D is a powerful alphanumeric terminal, designed for digital and analog weighbridges, inventory control, and other demanding weighing applications. The extended keyboard includes alphanumeric and functional keys for easy data entry and setup. A 16-character dot-matrix LCD display supports the required user interface in complex industrial applications. Using a weighing system that includes the VT 300D together with VPG Transducers digital load cells (DSC, SCC, SBC and MDBD) enables very easy installation, calibration, corner compensation, maintenance and diagnostics of the system. VT 300D software manages various transactions allowing choices of customer, material type, or truck identification. Records of all activities are maintained in memory and made available for computer reporting. Printable tickets and reports are easily formatted and edited. The VT 300D can support one digital load cells weighbridge and one analog load cell weighbridge at same time. Enclosure selections include tilted, wall-mount, and desktop.

Features:

- Supports digital and analog load cells
- Easy calibration using the digital load cells
- Easy digital corner compensation
- Elaborated diagnostics of digital weighbridge load cells
- Easy service and maintenance
- Large, 16-character LCD display
- 27-key alphanumeric and functions keyboard
- Two serial ports with printing and networking
- Analog output for PLC interface (optional)
- Two opto-isolated weight set points
- Alibi (Flash) memory for transaction records
- Real-time clock
- Stainless steel enclosure (IP65), aluminum enclosure (IP40)
- Weighing and counting operating modes
- OIML R-76 approved to 10,000d
- Dual scale operation (one digital, one analog)
- 4 programmable ticket formats

Applications

- Weighbridges
- Inventory Control
- Industrial weighing systems
- Bench, floor and counting scales

BWS- RICE LAKE 680 Synergy Plus Indicator



Standard Features

- Bright seven-digit, seven-segment LED display
- Battery backed time and date
- Full numeric keypad
- Three serial ports: two RS-232, one full duplex RS-485
- Numeric keyed entry allowed for tare and set point entry
- Formattable tickets
- Ethernet TCP/IP
- USB device
- Stainless steel IP69K enclosure
- Four onboard configurable digital I/O points, TTL logic

680 Synergy Series Options

- Analog output: 16-bit resolution, 0-10 VDC, 0-20 mA, 4-20 mA
- RJ45 Ethernet connector

Note: IP Rating is IP66 with RJ45 option

Bytronics WeighSOFT



Bytronics WeighSOFT (*weighbridge Software*) is developed specifically for weighbridges. Vehicles carrying various products for the customer pass over the weighbridge to be weighed to ensure that the weight shown on the delivery notes tally with the weighed weight. The vehicle is weighed twice and the net weight is computed. A ticket with the weighing details is printed. The weighing software, which is multi-user, captures information at the weighbridges and stores the same in the Microsoft SQL server database at the central server. In addition to producing a ticket for every weighing, the weighbridge software has the facility of printing management reports.

Specifications

- Single or Multiple weighbridges
- Optional CCTV interface
- Optional traffic lights interface
- Optional unmanned smart card weighing
- Inbuilt anti-fraud functions
- Back-end Platform – Microsoft Internet Information Services back-end web-server with data storage handled by Microsoft SQL server database
- Network platform – Wireless Local Network (WLAN) between the webserver and the personal digital
- Weight Capture – Captured directly from the weighing scales via Bytronics Weight Indicator Ethernet hardware Interface module or Bytronics Weight Indicator PC interface software module. These two interfaces can handle any type of weight digital weight indicator with RS232.

- Fraud Prevention

Cheaters have become increasingly sophisticated and hard to detect, and electronic devices are available to give a truck driver or scale operator remote control manipulation of a scale's weight reading. To catch cheaters using electronic manipulation of a scales weight reading, the software uses a weight curve. The software records a series of weight readings and uses them to plot a graph of vehicle weight throughout the transaction. If a driver or scale operator manipulates the weight electronically, the weight curve will show a spike up or down to detect the sudden weight change.

- A vehicle cannot be weighed twice while on the weighbridge.

Bytronics CargoSOFT



Bytronics CargoSOFT (**warehouse cargo management**) software is software designed for managing weighing of imported and exported products in a warehouse. The software runs on a personal digital assistant (PDA) that is used by the user to record weight and other details of the product either being received in the warehouse or being prepared for dispatch. The data recorded in the personal digital assistant (PDA) is automatically transmitted to a webserver via the wireless local network (WLAN) for generation of reports by the management.

The software comprises of two key modules.

The first module comprises of the webserver application that manages the setup of the master data and stores the transactions made in the warehouse. The webserver runs on Windows Microsoft internet information services (IIS) webserver. The master data includes the users, weighing pallets tare weights, types of weighing among other required master data. The software periodically synchronizes the master's data with that in personal digital assistants via wireless local network (WLAN) as configured.

The second module comprises of the software that runs on the personal digital assistant (PDA) s. Currently the windows mobile PDAs are supported but development is underway for the Android platform. The PDAs periodically

Specifications

- Back-end Platform – Microsoft Internet Information Services back-end web-server with data storage handled by Microsoft SQL server database
- Mobile Platform – Windows mobile and Android in development
- Network platform – Wireless Local Network (WLAN) between the webserver and the personal digital Weight Capture – Captured directly from the weighing scales via Bluetooth

INDICATOR WEB INTERFACE module



Bytronics Web Weight Indicator module is a hardware interface module that allows any web application to receive weight data from any digital weight indicator with rs232 communication support. The module has a configuration for setting up a web page that receives the weight data.

Specifications

- a) Rs232 connectivity to any digital indicator
- b) Data transmission via Ethernet
- c) Sending of weight data to a web page

Features

- a) Configuration of communication parameters via Bluetooth
- b) Connectivity to any digital weight indicator via rs232 communication interface
- c) Transmission of weight data from digital weight indicator via Ethernet
- d) Sending of weight data to a web page

Bytronics mboopSOFT



Bytronics mboopSOFT (Mobile Back office Order Processing System) software is software designed for accepting and processing orders from the customers. The orders are posted via the web client application accessed via the internet either through a desktop computer or a mobile phone/device. The software is interface with Syspro ERP order processing module and can also be integrated with other financial applications. Once the order is posted to the financial system, the rest of the processing such as invoicing is handled from the financial system.

Specifications

- Microsoft Internet Information Services back-end web-server with data storage handled by Microsoft SQL server database
- Mobile Platform
- Windows mobile and Android in development
- Network platform
- Wireless Local Network (WLAN) between the webserver and the personal digital
- Integration
- option for integrating the software with financial system order processing module. Currently, interface available for Syspro ERP.

Features

- Security system for providing access and privilege levels for the system users
- Setting up of products sale details. There is an option of initial setup of products by retrieving them from the customer's financial system.
- Creation of orders from a web interface optimized for mobile phone/device access.
- Optional posting of orders to the customer's financial system
- Printing of managements reports
- Other custom features can be added upon request by a customer.

Bytronics collaborates with the following companies among others in the weighing industry: -

- ◆ VPG Transducers
- ◆ Renson Engineering
- ◆ Rice Lake Weighing Systems
- ◆ Nagata scale Co. ltd
- ◆ Excell Precision Co. Ltd
- ◆ Fuzhou Kejie Electronic Scales co. Ltd



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