SVE GROUP

|| Excellence in Weighing Automation ||

Excellence in Weighing Automation

All Models RRSL Approved

Government Approved Manufacturer
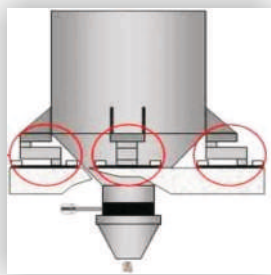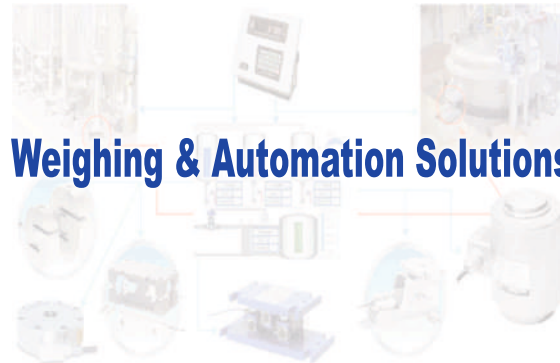
Webowt

Load Cells

Mounting Assemblies

Bagging Machine

Tank Weighing

Weighing & Automation Solutions

Liquid Filling System

Weighing Indicator/Controller

Weighing Scale

Pallet Weighing Scale

Weighbridge & Automation

SVE Instruments & Systems Pvt. Ltd.
Shri Vishwakarma Enterprises

One Stop Solution Provider Sales & Service for All Weighing, Packaging, Batch Coding, Automation Products
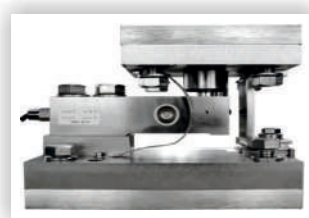
Load Cells

All Load Cells Solutions in Analog & Digital Technologies

Mounting Assemblies of Load Cells

Mounting Assemblies are very Important part of weighing systems. We Offer mounting assemblies & load pins for weighing systems, weighbridges, considering the environmental effects, requirement of application and after understanding the complete know how of system.

Indicators / Controller

We offer indicators & controller for application of basic weighing to process automation

Almost all field bus protocols are available as per application

I.e. Profibus, Modbus RTU/IP, Control Net, Device Net, Etc...

We can offer solutions and provide equivalent products of all branded Indicators.

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Bag Filling Machine

We Offer Different type of Bag filling Solutions. I.e Net Type , Gross Type, Jumbo Bag, Valve Type Depend On the material characteristics and packing capacity needed.
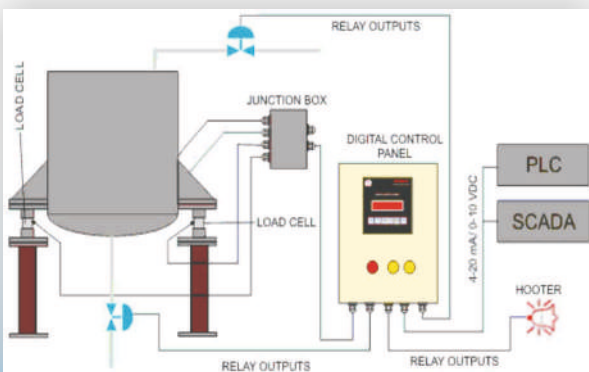We offer complete bagging solution from 500 gms to 2 Ton from material handling to stictiching.

Drum/Tin Liquid Filling Machine

We Offer Different type of Liquid filling Solutions for Drum, Tin Etc... for packing of 1 kg to 2 Ton Liquid with Complete Solution from material handling to final packing

Tank/Hopper/Bin/Silo Weighing & Batching Systems

We Offer Different Type of Tank Weighing , Hopper Weighing, Bin Weighing Silo Weighing for application like Inventory management, Batching, Process Automation, Dosing, Mixing Etc... Solutions for All Segment , Capacity from kg to tons. Different Field bus protocols available as per the needs.

Webowt® Weighing Indicator / Controller

Product Description

ID510 is an industry weighing process controller,high accuracy, kinds of field-bus communication, typical for weighing, batching, filling, bagging and chemical dangerous area weighing. 128x64 dot matrix graph display 150,000 ,6000e CMC approval 150,000 display division,6000e CMC approval 200Hz A/D sample speed,200 Hz target compare speed10-step filter,High Anti vibration. Standard with two serial ports (Rs232 and RS232/485) Kinds of field-bus options to connect to PLC or DCS. No-Testing weight Calibration is available, Exd Class:EXD IIB T4

Product Features

* 200Hz ADC speed
* 150,000d and 600e(approved)
* RS232,RS485,100M LAN
* Green OLED dot matrix graph display
* Report Weight and rate at the same time from
  PROFIBUSDP,MODBUS_RTU, 4-20MA,MODBUSTCP
* No-Testing Weight Calibration
* Zone:Zone 2, 22 and Div. 2 location
* Kinds of application Controlling PAC

Options

* 8 Inputs /12 Outputs (OC and Relay)
* POFIBUS DP
* 4-20mA Analog Output(16-bit DAC)
* 100M LAN(TCP,UDP,MODBUS-TCP)

Product Description

ID511 is an industry weighing process controller,high accuracy,kinds of field-bus communication typical for weighing, batching, filling and chemical dangerous area weighing. 3 housing modes : *Panel *Harsh *Exd Harsh and Exd versions with seven bits 1" high green and red LED display and 10 status lights. Panel mount with seven bits 0.56" high green and red LED display and 10 status lights. 150,000 display division,6000e CMC approval 200Hz A/D sample speed,200 Hz target compare speed 5-step filter,High Anti vibration Standard with two serial ports (RS232 and RS232/485), Kinds of field-bus options to connect to PLC or DCS No-Testing weight Calibration is available Exd Class:EXD IIB T4   .

Product Features

* 200Hz ADC speed
* 150,000d and 600e(approved)
* RS232,RS485,100M LAN
* 1" display or 0.56" display
* Report Weight and rate at the same time from
  PROFIBUS-DP,MODBUS_RTU, 4-20MA,MODBUS-TCP
* 3 kinds PROFIBUS GSD inside
* UDP,TCP,MODBUS-TCP
* No-Testing Weight Calibration
* Zone:Zone 2,22 and Div. 2 location

Options

* 8 Inputs /12 Outputs (OC and Relay)
* POFIBUS DP
* 4-20mA Analog Output(16-bit DAC)
* 100M LAN(TCP,UDP,MODBUS-TCP)

Product Description

ID550 is an industry weighing process controller,high accuracy,typical for weighing, batching, filling. 6-bit 0.56" red LED display and 5 status lights. 100,000 display division,6000e approved. 200Hz A/D sample speed,200 Hz target compare speed 5-step filter, High Anti vibration Standard with one serial ports(RS232/485) No-Testing Calibration(CalFree)is available.

Product Features

* 200Hz ADC speed 100,000d and 600e(approved)
* Standard: RS232/485 Port
* 6-bit 0.56" LED display
* Standard: Report Weight MODBUS_RTU
* No-Testing Calibration(CalFree)

Options

* 4 Inputs /6 Outputs (OC)
* 4 Inputs /6 Outputs (Relay)
* 4-20mA Analog Output(16-bit DAC)

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Webowt® Weighing Indicator / Controller

Product Description

ID551 is an industry weighing process controller,high accuracy,typical for weighing, batching, filling. 6-bit 0.28" red LED display and 10 status lights. 100,000 display division,6000e approved 200Hz A/D sample speed,200 Hz target compare speed 5-step filter,High Anti vibration Standard with one serial ports (RS232/485)

Product Features

200Hz ADC speed 100,000d and 6000e(approved) Standard: RS232/485 Port
Standard with 8 IN / 8 Output(OC) 6-bit 0.28" LED display Standard: Report Weight via MODBUS-RTU
Target Control Basic PAC Checking Weight PAC DIN Rail Housing

Product Description

ID226 is an industry weighing indicator for platform scale and track scale, high accuracy and fast stability. SS harsh enclosure with IP66 protection 6 bits 49mm high green or red LED display and 10 status lights 200,000 display division Two weight display range with two increment size Standard with one serial ports (RS232/485)

Product Features

* 200,000 display division   * Support 350ohm x 8 load cell   * Two display increment size range
* RS232/485 (standard)   * 49mm high display, green or red   * MODBUS_RTU
* Basic Functionality: ZERO, TARE, CLEAR and PRINT   * Auto Tare, Auto Clear and Auto Print
* Print and Totalization   * X10 / Over/Under/OK / Count / Animal Weighing / Unit Switch
* Auto save battery and battery indicating   * Auto Power OFF   * Power Input : 100~264VAC,= 0.1A

Options

* NI-MH battery group,
* GP 7.2 VDC 3800mAh

Product Description

ID511L is an industry weighing indicator for platform scale, high accuracy and fast stability. SS harsh enclosure with IP66 protection 6 bits 1" high green or red LED display and 12 status lights 200,000 display division Two weight display range with two increment sizeStandard with one serial ports (RS232/485)

Product Features

* 200,000 display division   * Two display range / two increment size   * RS232/485 (standard)
* 1" display, green or red   * MODBUS_RTU   * Basic Functionality: ZERO, TARE, CLEAR and PRINT
* Auto Tare, Auto Clear and Auto Print   * Print and Totalization
* X10 / Over/Under/OK / Count / Animal Weighing / Unit Switch
* Auto save battery and battery indicating   * Auto Power OFF
* Over/Under/OK alarm output with relay output   * External Input to Zero, Tare, Clear or Print.
* Power Input : 100~264VAC,= 0.1A   NI-MH battery gru,GP 7.2 VDC 3800mAh

Options

* 1 Inputs /3 Outputs (Relay)
* RTC (Real Timing Clock)

Product Description

ID203 is an industry weighing process controller,high accuracy, very low cost weighing solution, one indicator for 3 scales. 6-bit 0.28" red LED display and 10 status lights. Support 3-Scale input, Each scale with 4 load cells. 100,000 display division,6000e approved for each scale I/F. 200Hz A/D sample speed 5-step filter,High Anti vibration Standard with one serial ports (RS232/485) Continuous output and MODBUS-RTU output each scale ADC code and Scale weight to PLC or DCS Remote calibration via MODBUS-RTU No-Testing weight Calibration is available DIN Rail Housing

Product Features

Support 3-Scale Input 200Hz ADC speed 100,000d and 6000e(approved) Standard: RS232/485 Port 6-bit 0.28" LED display Continuous output each scale I/F ADC code Continuous output each scale weight MODBUS-RTU report each scale weight Remote calibration via MODUS-RTU
No-Testing Weight Calibration DIN Rail Housing

Product Description

ID221 is an Industrial weighing indicator for Simple Weighing, Counting, Check Weighing
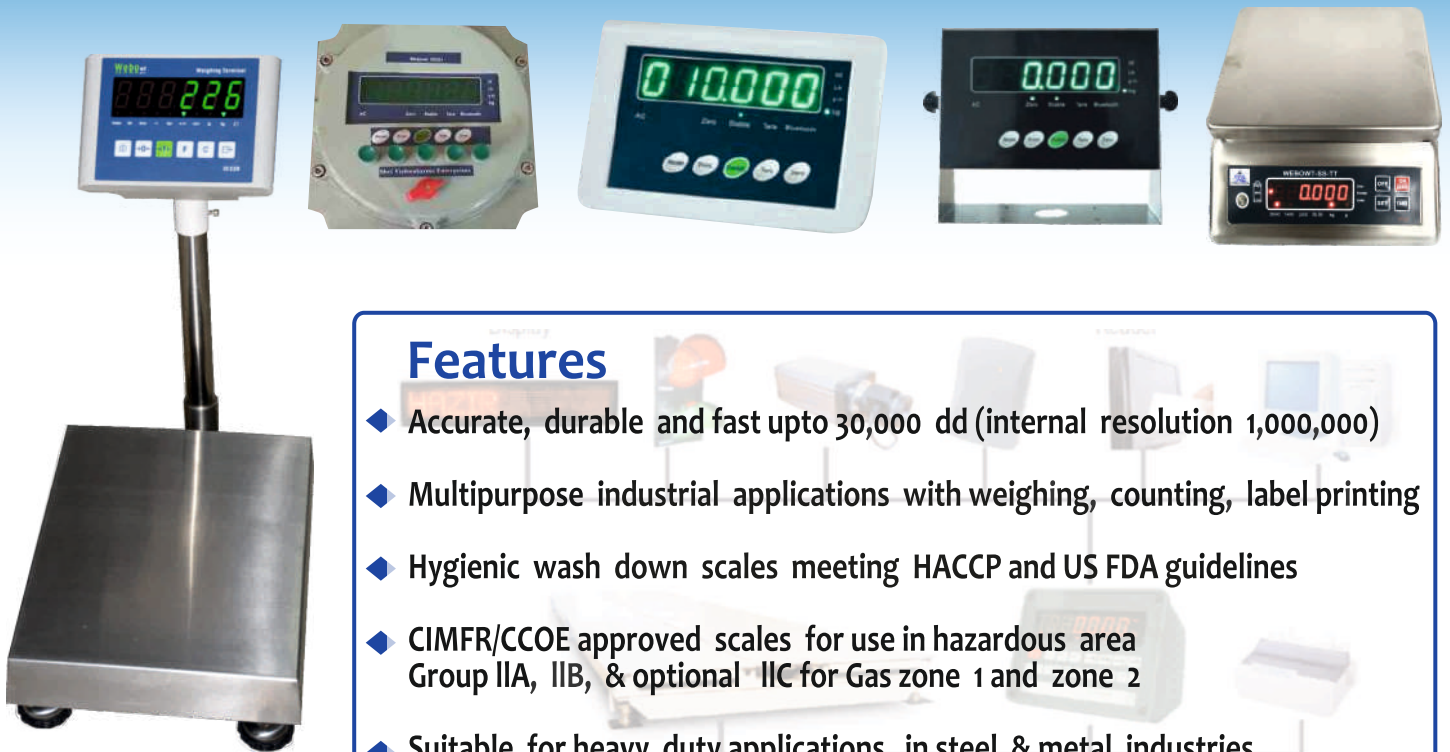
Product Features

* Green LED Display with Rechargable Battery
* 350 Ohm 4 / 750 ohm 8 Loadcell Drive
* With Mounting Bracket, RS232 Serial Port

Options

* Customized print output format
* Blue tooth interface
* RTC
* ABS Body

Industrial Weighing Scales

Features

◆ Accurate, durable and fast upto 30,000 dd (internal resolution 1,000,000)

◆ Multipurpose industrial applications with weighing, counting, label printing

◆ Hygienic wash down scales meeting HACCP and US FDA guidelines

◆ CIMFR/CCOE approved scales for use in hazardous area Group IIA, IIB, & optional IIC for Gas zone 1 and zone 2

◆ Suitable for heavy duty applications in steel & metal industries

Wash Down

◆ Single load cell platform scales from 300 sq mm to 1000 sq mm or custom size with capacity from 10 kg to 10 tons
◆ Wash down scales for hygienic applications with SS construction and special IP 68 load cells
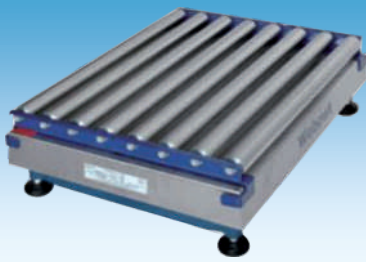
Ultra-low Profile

◆ For floor mounting applications where pit cannot be made or floor space is limited
◆ Platform height is only 45 mm
◆ Specially designed for pharma IBC /trolley weighing
◆ One side approach ramp for in / out trolley or IBC
◆ MOC of PF: MS or SS: MOC of load cell:Alloysteel (IP67)orSS (IP68)
◆ Capacity from 300 kg to 2000 kg with 4 load cells

Trolley Scale

◆ For multipurpose application where the scale has to be moved frequently
◆ Size 500 sq mm to 1000 sq mm
◆ Weighing platform on trolley
◆ Option of four wheels or two wheels trolley
◆ Weight indicator with built in battery

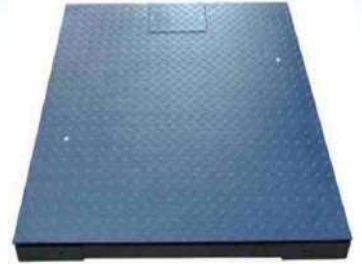One Stop Solution Provider Sales & Service for All Weighing, Packaging, Batch Coding, Automation Products

Roller Platform
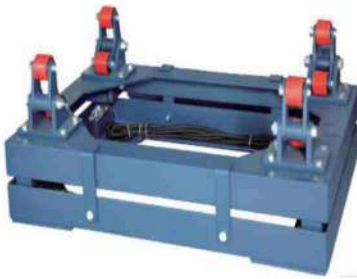
- For easy movement of material
- Smooth dust resistant roller and ramps with ZZ bearings
- Ramp with rollers on one side or both side
- MOC: MS or SS
- Capacity from 50 kg to 500 kg

Low Profile

- Design for floor or pit mounted application
- Heavy duty construction to take point loads of wheels
- Easy loading. Low deck height (100 mm)
- MOC of PF: MS or SS: MOC of load cell:Alloysteel (IP67)orSS (IP68)
- Capacity from 500 kg to 5000 kg with 4 load cells

Chlorine Charging

- Rugged platform for tanner application with ventilation for fumes
- Platform single, dual or multi-tanner application
- Red LED display for Gross I Net weight

Optional

- Flow rate indication or control through PIO
- Loss in weight indication, Set point control
- Analog output of Net I Gross weight & flow rate
- Epoxy painting for better corrosion protection

Pallet Scale

- Fork dimension : 1150 mm long x 555 mm wide other size on request
- Lift height 95 mm to 200 mm
- MS washable construction
- Dual polyurethane wheels on steering column for additional stability
- Battery operated indicator (weather proof or flame proof)
- Capacity from 500 kg to 2000 kg

SINGLE LOADCELL DESIGN

Sr No	Platfrom Size	Capacity	Resoultion Class II	Class III
1	300X300 MM	6 KG	0.2GM	0.1GM
		15KG	0.5GM	2GM
		30KG	1GM	5GM
2	400X400 MM	15KG	0.5GM	2GM
		30KG	1GM	5GM
		60KG	2GM	10GM
		100KG	5GM	10GM
3	500X500MM	60KG	2GM	10GM
		100KG	5GM	10GM
		150KG	5GM	20GM
		200KG	10GM	20GM
4	600X600 MM	100KG	5GM	10GM
		150KG	5GM	20GM
		200KG	10GM	20GM
		300KG	10GM	50GM
		500KG	20GM	50GM
5	800X800 MM	500KG	20GM	50GM
		600KG	20GM	100GM
		1000KG	50GM	100GM
6	1000x1000 MM	500KG	20GM	50GM
		600KG	20GM	100GM
		1000KG	50GM	100GM

FOUR LOADCELL DESIGN

Sr No	Platfrom Size	Capacity	Resoultion Class II	Class III
1	1000x1000 MM	600KG	20GM	100GM
		1000KG	50GM	100GM
		1500KG	50GM	200GM
		2000KG	50GM	200GM
		5000KG	200GM	500GM
		10000KG	500GM	1KG
2	1200X1200 MM	600KG	20GM	100GM
		1000KG	50GM	100GM
		1500KG	50GM	200GM
		2000KG	50GM	200GM
		5000KG	200GM	500GM
		10000KG	500GM	1KG
3	1500X1500 MM	600KG	20GM	100GM
		1000KG	50GM	100GM
		1500KG	50GM	200GM
		2000KG	50GM	200GM
		5000KG	200GM	500GM
		10000KG	500GM	1KG

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Water Proof Table Top Scale

- Accurate, reliable and fast weighing
- Stainless steel housing IP68 for hygiene application
- Capacity from 1 kg to 30 kg
  (Resolution: 10,000 to 30,000 dd)
- Larger pan size - 180 x 230 mm (for all capacities)
- Bright red LED display
- One touch - zero, tare, Net I Gross, On / Off water proof keys
- Easy adjustable level feet for stability of the scale with sprit level
- With Battery Backup For 100 hrs.

Table Top SS - TT

Capacity	Least Count	
	(Class-III)	(Class-II)
1 kg	0.1 gm	0.05 gm
2 kg	0.2 gm	0.1 gm
3 kg	0.2 gm	0.1 gm
5 kg	0.5 gm	0.2 gm
10 kg	1 gm	0.5 gm
20 kg	2 gm	0.5 gm
30 kg	5 gm	1 gm

:: OPTIONS ::

LOADCELL :-
MOC - ALUMIUM, ALLOY STEEL, STAINLESS STEEL, ANTI CORRISON COATING
INGRESS PROTECTION - IP65, IP67, IP68, IP69K

INDICATOR :-
MOC - ABS , STAINLESS STEEL, FLAME PROOF, PANEL MOUNTED
INGRESS PROTECTION - IP65, IP67, IP68, IP69K

STRUCTURE :-
MOC - MILD STEEL, SS202, SS304, SS316, CHECKERD PLATE
PROTECTION - PAINTED, POWEDER COATED, ANTI CORRESION COATING

INTERFACE :-
RS232, RS485, MODBUS RTU, MODBUS IP, DEVICENET, CC-LINK, PROFIBUS,
ETHERNET TCP/IP, ETHERNET IP, RELAY INPUT/OUTPUT

OTHERS :-
PC BASE SOFTWARE,BACKRAIL, BATTERY OPTION, TOWER LAMP,
PRINT CONFIGURATION, ROLLER & RAMP ASSEMBLY, TROLLEY

Services & Calibration

WEIGHTS AND MEASUREMENT

We Offer Below Services

- Gov. Approved Stamping dealer for weighing scales & systems, calibration services, validation services, supply of standard weights on rent/sale.
- Annual Maintenance contract for weighing scales, systems, weigh bridges..etc.
- Up gradation of Systems with latest technology avilable in feild to reduce the down time of machine.
- Supply & Repair All Brand weighing components with Installation service.
- Charges Repair services for weighing equipments.
- Assured 24 / 7 service support

W&M Govt. Approved Manufacturer

Address : A-305, Siddharth Annexe-3, Beside Hotel Plazzo, N.H.No. 8, Near Dumad Chokdi, Vemali, Vadodara-391740, Gujarat (India)

e-mail : marketing@sveweighing.com / Info@sveweighing.com

Visit at : http://www.indiamart.com/shrivishwakarma-enterprises/
www.sveweighing.com

Contact : 9377446600

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