

Chemistry and Petrochemistry Industries

Scales and Weighing Solutions



BAYKON
Industrial Weighing Systems



Sector leader...

BAYKON is one of the leading company in Global Industrial Weighing sector with;

- ✓ Wide range products from basic weighing to advanced weighing solutions,
- ✓ Possessor of international accreditations and sectoral certificates,
- ✓ Trained and experienced professional manpower to support our business partners,
- ✓ Export more than 90 countries with Global experience.

Since 1987, industrial weighing instruments manufacturer BAYKON has built upon its reputation for product quality, international experience, technical innovation, fast and effective customer support.

We deliver weighing products that integrate productivity, compliance, quality and safety into your weighing applications and solutions. Our experienced and well trained team using the most up-to-date technology, develops and manufactures state of the art weighing instruments; our project team, as a solution provider, eliminates customers problems by developing innovative products and customized solutions.

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Tank, Reactor, Silo Scales

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Mixing / Dosing Systems

Ex-Proof Weighing Systems

BakNET Statistical Quality Control

Automatic Weighing Scales/Checkweigher



Laboratory Instruments

Advanced Technology, Economy and Accuracy...

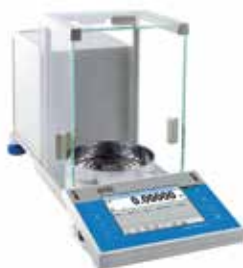
High speed measuring cell and advance data processing technology, wide measuring range from 0,1 µg to 52 kg. Various models; from low cost to models compatible with GMP/GLP regulations with touchscreen color LCD display.

Automatic internal calibration by time or changes of environmental conditions.

Strong Connectivity option for all type of peripherals and measuring accessories



Laboratory Balances



Micro and Ultra-Micro Balances

- Various capacities starting from 0,1 µg accuracy
- Automatic internal calibration
- 5,7" touchscreen color monitor
- Various weighing procedures for your process
- Pipet calibration, filter weighing
- Automatic right and left doors
- Electronic levelling and alarm

Analytical Balances

- Various capacities starting from 0,01 mg accuracy
- Automatic internal calibration
- 5,7" touchscreen color monitor or LCD screen
- Models from basic weighing to complex applications
- Automatic right and left doors
- Electronic levelling and alarm

Precision Balances

- Various capacities starting from 0,1 mg accuracy
- Automatic internal calibration
- 5,7" touchscreen color monitor or LCD screen
- Models from basic weighing to complex applications
- Automatic right and left doors
- Electronic levelling and alarm



Checkweighing



Dosing



Formulation



Autotest



Environment conditions indication



% Weighing



Pipet Calibration



Piece Counting



Data Transfer

- Balance software update
- Weighing data transfer
- Database export/import
- Balance settings export/import
- Data exchange between balances



Programmable Infrared Sensor

- PRINT function
- TARING function
- ZEROING function



Portability

- Seperable display
- Wireless communication with balance
- Wi-Fi, Bluetooth



Interfaces

- Ethernet
- 2 x USB
- 2 x RS 232C
- 4 In / 4 Out
- Wi-Fi 2,4GHz



Media Module

- Videos for User Manual, Programming and Application Functions

Moisture Analyzers

Moisture analyzer is a laboratory measuring instrument intended to determine relative moisture content in samples of different substances.



- From 50 g to 210 g capacities
- High resolution with 0,1 mg
- Up to 250 °C drying temperature
- Programmable drying modes
- Easy configuration and drying process optimization
- Effective usage with touchscreen displays
- Database for User, Product and Weighing Records
- Database import & Export via USB, Ethernet and Wi-Fi
- E2R software to access on-line info up to 100 moisture analyzers
- Drying process reports



Test Weights

From 1 mg to 1 ton, OIML Approved, Special Purpose For All Your Ettalon Weighing Needs.

High quality BAYKON mass and test weights, can fulfill your demand from 1 mg E2 up to 1 ton M3 OIML classes. You can take all service related with your mass as calibration service and accredited certificates.



Accessories



Automatic Pipettes



Moisture Determination Temperature Control Kit



Density Assay Kit



Tube Holder for Analytical Balances



Reference to Moisture Determination



External Display



External Protection Chamber



Antistatic Ionizer



Data Cable (Printer, Pc)



Printers

Industrial Scales

Starting from regular environments to the most demanding industrial environments and the models starting from 3 kg ...

In our wide product portfolio, there is a model to meet the demand with your every application, working environment and sensitivity requirement; Up to 15,000 kg capacity and IP68 / IP69K models, in steel or stainless steel construction, fully compliant with GMP and HACCP production standards, OIML approved for commercial use.



Packing (Over/Under) Scales



BCS21(S) Precision Balance

- Capacities: 3 kg / 6 kg / 15 kg / 30 kg
- Sensitivities starting from 0.2 gr
- OIML 6000d approved
- Stainless steel, 250 x 197 mm pan
- Easy and fast weight control LCD display with color changing
- Easy to clean ABS or IP66 stainless steel body
- Classification, control weighing and parts counting functions
- Weighing up to 90 hours with provide battery operation
- RS232C Printer / Computer connection



BCS243 Industrial Scales

- Capacities: 6 kg / 15 kg / 30 kg
- Sensitivities starting from 0.5 gr
- OIML 6000d approved
- Stainless steel, IP66 water impermeable & washable structure
- 240 x 300 mm pan size
- Classification, control weighing, high-speed portion scales with advanced labeling functions
- Easy and fast weight control with optional LCD display or SmartBar with optional color changing
- Battery work, computer connection



BCS304 Industrial Scales

- Capacity: 30 kg
- Sensitivities starting from 1 gr
- OIML approved
- 300 x 400 mm stainless steel pan
- Selectio by field requirements
- IP30 ABS plastic with IP66 stainless steel indicator
- IP 67 painted steel or IP68 stainless steel substructure
- Classification, control weighted labeling functions
- Weighing up to 36 hours with provide battery operation, computer connection

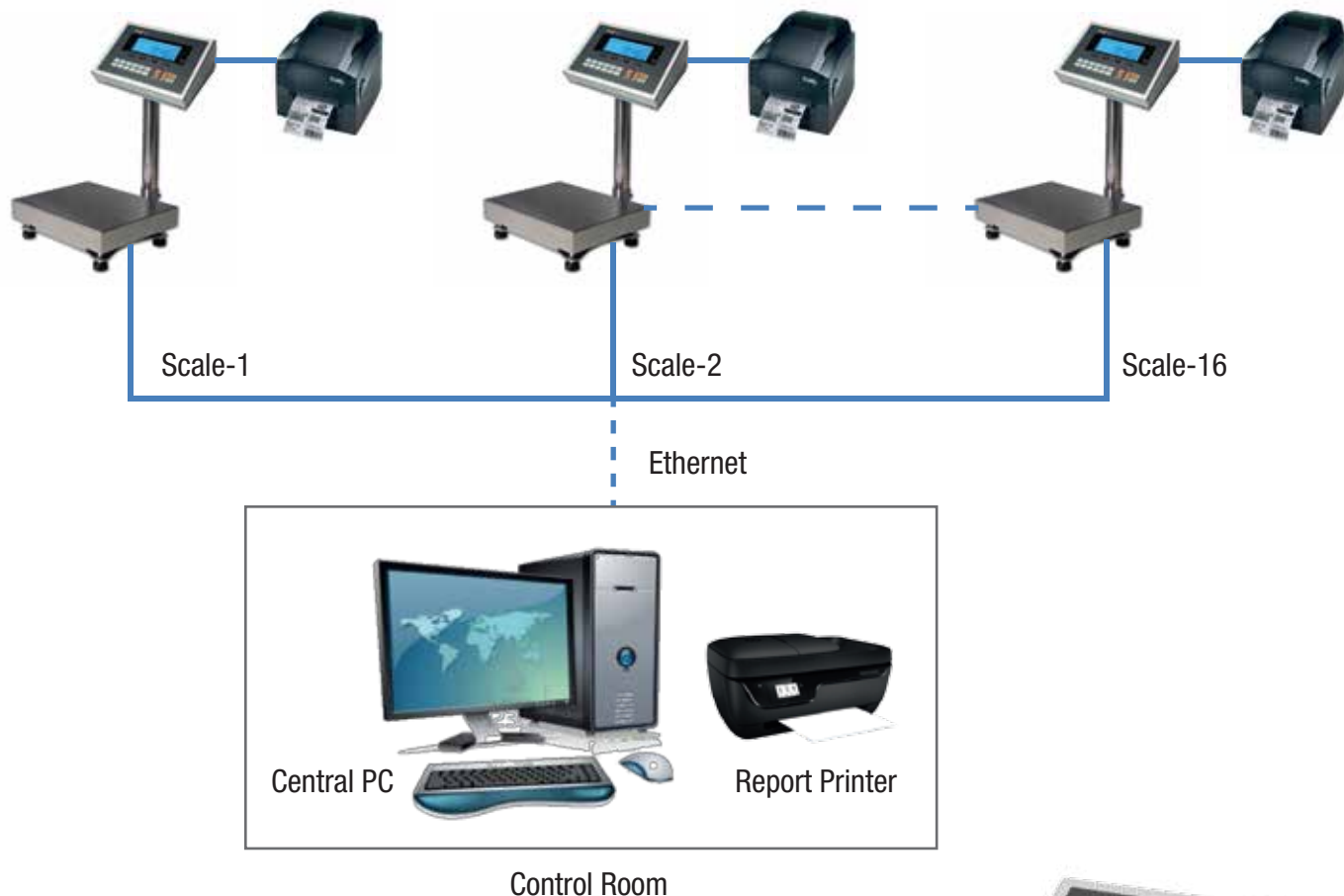
Easy Control and Classification with Color Changeable Display



Manual Packing, Labelling

Starting from regular environments to the most demanding industrial environments and the models starting from 3 kg ...

In our wide product portfolio, there is a model to meet the demand with your every application, working environment and sensitivity requirement; Up to 15,000 kg capacity and IP68 / IP69K models, in steel or stainless steel construction, fully compliant with GMP and HACCP production standards, OIML approved for commercial use.



SOFTWARE

Windows based software with following features;

- System can include up to 16 Weighing Stations with BAYKON BX25 smart indicator.
- Scales and Printer connections are via Ethernet TCP/IP.
- Active weighing stations are monitored online at PC screen.
- SQL database up to 24 fields including Product, Operator and additional free configurable entries like Batch No, Quality class, etc.
- Products field is a table includes "Code, Name, Target, Low limit, High limit and Empty Weight".

Empty Weight is the limit value which triggers packing process at BX25 indicator.

Low Limit, High Limit and Empty weight can be entered as in the following alternatives;

- 1) Absolute values like T=1000g, Low L= 950g, High L=1100g, Empty W= 200g
- 2) Differential from target like T=1000g, Low L= %5, High L=10%, Empty W= 20%
- 3) Percentage of Target like T=1000g, Low L= 0,05%, High L= 0,1%, Empty W=0,2%



Monitoring and Data Collecting System

SOFTWARE

- Operators field is a table entry as Code and Name
- Similar weighing stations are grouped under weighing station types for easy and practical field entry. Same type weighing stations have the same field entries, but, different number.
- During operation Product and Operator are entered from BX25 scale indicators
- Weighing records including Date & Time, Station Type, Station No, Gross, tare, Net, CN (Consecutive No), Product Code & Name, Operator, user defined field entries are saved in SQL Database
- Reports can be filtered based on 3 x free selected fields, Weighing Station Type, Weighing Station No and given as shift base, daily and between any 2 dates
- Special statistical reports of filtered records can be given;
 - 1) Product totals report informing number of packages, total weight, average weight and standard deviation
 - 2) Operator performance report including number of packages and average weights

Main Screen

Record Date Time	Station No	Station Name	Gross	Tare	Net	CN
11.01.2018 18:30:03	Type1	1.Station	0.100	0.020	0.080	2293
11.01.2018 18:28:49	Type1	1.Station	0.285	0.020	0.265	2292
11.01.2018 18:27:32	Type1	1.Station	0.215	0.010	0.205	2288
11.01.2018 18:27:18	Type1	1.Station	0.217	0.010	0.207	2287
11.01.2018 17:18:58	Type1	1.Station	0.212	0.010	0.202	2284
11.01.2018 17:17:37	Type1	1.Station	0.212	0.010	0.202	2283
11.01.2018 17:17:13	Type1	1.Station	0.206	0.010	0.196	2282
11.01.2018 17:15:25	Type1	1.Station	0.121	0.010	0.111	2278
11.01.2018 17:15:15	Type1	1.Station	0.204	0.010	0.194	2277

Operator	Packages	Total Weight	Average Weight	Standard Deviation
Operator 1	10	1000	100	10
Operator 2	20	2000	100	10
Operator 3	30	3000	100	10
Operator 4	40	4000	100	10
Operator 5	50	5000	100	10
Operator 6	60	6000	100	10
Operator 7	70	7000	100	10
Operator 8	80	8000	100	10
Operator 9	90	9000	100	10
Operator 10	100	10000	100	10

Operator Statistical Report

Product	Packages	Total Weight	Average Weight	Standard Deviation
Product 1	10	1000	100	10
Product 2	20	2000	100	10
Product 3	30	3000	100	10
Product 4	40	4000	100	10
Product 5	50	5000	100	10
Product 6	60	6000	100	10
Product 7	70	7000	100	10
Product 8	80	8000	100	10
Product 9	90	9000	100	10
Product 10	100	10000	100	10

Product Statistical Report

Operator	Product	Station No	Station Name	Gross	Tare	Net	CN	Date
Operator 1	Product 1	1	1.Station	0.100	0.020	0.080	2293	11.01.2018 18:30:03
Operator 2	Product 2	2	2.Station	0.285	0.020	0.265	2292	11.01.2018 18:28:49
Operator 3	Product 3	3	3.Station	0.215	0.010	0.205	2288	11.01.2018 18:27:32
Operator 4	Product 4	4	4.Station	0.217	0.010	0.207	2287	11.01.2018 18:27:18
Operator 5	Product 5	5	5.Station	0.212	0.010	0.202	2284	11.01.2018 17:18:58
Operator 6	Product 6	6	6.Station	0.212	0.010	0.202	2283	11.01.2018 17:17:37
Operator 7	Product 7	7	7.Station	0.206	0.010	0.196	2282	11.01.2018 17:17:13
Operator 8	Product 8	8	8.Station	0.121	0.010	0.111	2278	11.01.2018 17:15:25
Operator 9	Product 9	9	9.Station	0.204	0.010	0.194	2277	11.01.2018 17:15:15

Report Form

Operator	Product	Station No	Station Name	Gross	Tare	Net	CN	Date
Operator 1	Product 1	1	1.Station	0.100	0.020	0.080	2293	11.01.2018 18:30:03
Operator 2	Product 2	2	2.Station	0.285	0.020	0.265	2292	11.01.2018 18:28:49
Operator 3	Product 3	3	3.Station	0.215	0.010	0.205	2288	11.01.2018 18:27:32
Operator 4	Product 4	4	4.Station	0.217	0.010	0.207	2287	11.01.2018 18:27:18
Operator 5	Product 5	5	5.Station	0.212	0.010	0.202	2284	11.01.2018 17:18:58
Operator 6	Product 6	6	6.Station	0.212	0.010	0.202	2283	11.01.2018 17:17:37
Operator 7	Product 7	7	7.Station	0.206	0.010	0.196	2282	11.01.2018 17:17:13
Operator 8	Product 8	8	8.Station	0.121	0.010	0.111	2278	11.01.2018 17:15:25
Operator 9	Product 9	9	9.Station	0.204	0.010	0.194	2277	11.01.2018 17:15:15

Table Entry

Bench / Portable Scales

BT Series Bench and Stand Scales

- Different capacities from 3 kg to 600 kg
- Measures up to 80 x 90 cm starting from 24 x 30 cm
- High precision starting from 0.5 gr, OIML approval
- According to process requirements in the field, the indicator and platform modular selection between models
- Static painted depending on working environment, stainless steel cap, galvanized or complex stainless steel
- Functions such as simple weighing, dynamic weighing, labeling, filling, control and grading, part counting, memory weighing
- Special optional features



Professional Design

Baykon BT series scales are designed to international standards for years to serve you.

Advanced Electronic Technology

High quality OIML class load cells with equipment structure Baykon's combination with weighing indicators manufactured using advanced electronic technology to provide very high weighing accuracy compared to ordinary scales.

Sensitivity in Production

Precision mechanical production is standard with laser cutting and advanced welding technology. Test and calibration steps are carefully done.

Conformity to Hygienic Conditions

For wet and washable industrial fields, IP67, IP68 and even IP69 protection class waterproof models are equipped with maximum precision and safe weighing.

Functionality

BK series scales provide ergonomic usage both with various capacity and sized weighing platforms and with their modular structure.



Powerful Options

There are some options such as; indicator pole, visor, wheeled carrying stand, mechanics such as idle roller assembly and printer, external display, software electronic options.



Floor Scales

BK Series Floor Scales

- At capacities from 300 kg to 15000 kg
- Sensitivities starting from 50 g
- From 100 x 100 cm up to 3000 x 3000 cm platform dimensions
- Ground or floor usage
- Fully compatible with demanding tough conditions
- Effective use with low profile
- Painted or stainless steel construction options
- OIML approval for commercial usage
- Standard IP67 load cells
- Functional features such as labeling, formulation, recipe preparation, part counting, filling, dynamic weighing, control weighing and grading



BL Floor Scales

- 300 kg / 600 kg / 1500 kg / 3000 kg
- Sensitivities starting from 50 g
- From 85 x 85 cm up to 150 x 150 cm platform dimensions
- Ergonomic using with ground and 45mm low platform height
- For effective cleaning in wet and hygienic areas lifting mechanism supported by hydraulic pistons
- Standard stainless steel and IP68 waterproof construction
- Fully compatible with GMP and HACCP production standards
- OIML approval for commercial use
- Functional features such as labeling, formulation, recipe preparation, part counting, filling



BP Floor Scales

- 300 kg / 600 kg / 1500 kg / 3000 kg
- Sensitivities starting from 50 g
- 100 x 100, 120 x 150 or 150 x 150 cm
- On-ground or indoor use
- Plunging platform cover with piston support for effective cleaning and ergonomic use in wet and hygienic areas
- Standard stainless steel and IP68 waterproof structure optional SS316
- Fully compatible with GMP and HACCP production standards
- OIML approval for commercial use
- Functional features such as labeling, formulation, prescription, parts counting, filling



Special Constructions

BU Pallet Scale

- 1500 kg and 3000 kg
- Sensitivities starting from 200 g
- Designed for weighing pallet loads
- 25 x 85 cm in dimensions, 85 mm in height
- Mobile and ergonomic usage
- Standard IP65 painted steel and optional IP68 stainless steel
- OIML approval for commercial use
- Advanced functional features such as, simple weighing, labeling, part counting, filling



BA Low- Profile Floor Scales

- 300 kg / 600 kg / 1500 kg / 3000 kg
- Sensitivities starting from 50 g
- From 85 x 85 cm up to 150 x 150 cm platform dimensions
- Ergonomic using with 45mm low platform height
- Standard IP65 painted steel and optional IP68 stainless steel
- OIML approval for commercial use
- Functional features such as, labeling, formulation, recipe preparation, part counting, filling

PS Drum Weighing Scale

- 300 kg x 100 g (Op.50 g)
- Developed for barrel weighing, battery and mobile design
- 75 x 75 cm in size
- Only 35 mm height and standard ergonomic using with ramp
- Standard IP65 galvanized steel and optional IP68 stainless steel
- OIML approval for commercial use
- Functional properties such as simple weighing, formulation, prescription preparation, filling

Customer Special Designs

Designs are available for demanding field conditions, in particular which are accelerates the weighing operation of rubber-caoutchouc and petrochemical materials.

Transpalet and Forklift Scales

You do not need to carry your pallet freight in the cage. With BT pallet truck scales or RAVAS forklift scales, you can weigh them in place and you can even weigh and print weighing paper while moving.

With the optional Wifi Bluetooth connectivity you can wirelessly transmit your scales and register your computer system.

For wet and hygienic areas, stainless steel load cell, weighing indicator and pallet compartment are available.

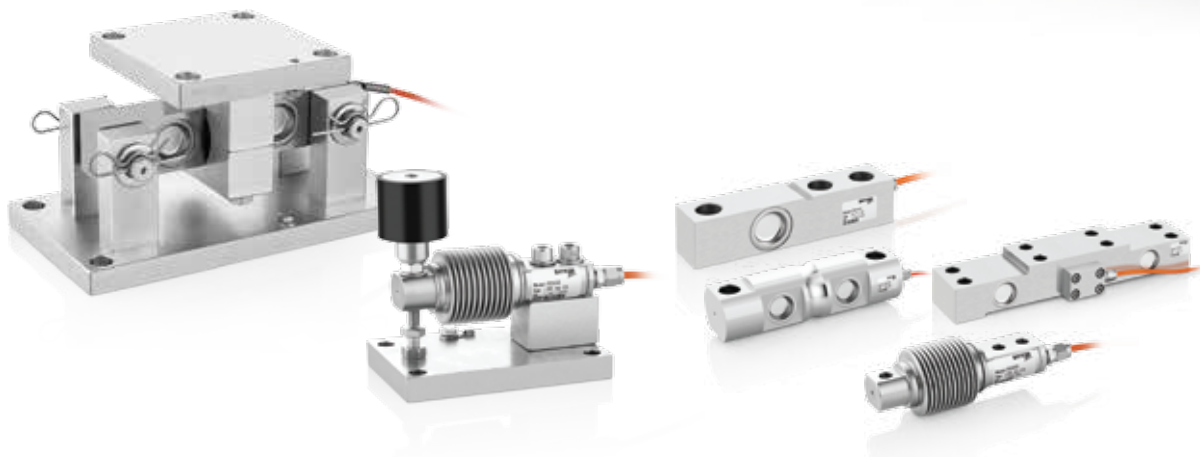


Tank, Reactor, Silo Scales

Convert your Tank, Reactors or Silos Into a Scale...

You can place the load cell to your tanks, silos and reactors under the foot. You can continuously monitor the raw materials and finished product weights you store. By integrating them into your ERP, DCS / Scada system, you can manage your stocks, goods purchases and shipments and production with maximum efficiency.

- Sensitive solutions of weighing from 10 kg hopper to 500 tons silo
- IP68 / IP69 options for corrosive, wet and hygienic environments
- Strong System Integration;
 - 4-20mA, 0-10 V Analog output
 - RS-232C / RS 485
 - Modbus RTU, Modbus TCP
 - Ethernet TCP/IP, EtherNet/IP
 - EtherCAT
 - Profibus, Profinet
 - CANopen
 - CC-Link



With advanced BAYKON weighing modules you can measure your tank and reactors precisely and safely. With your scale reactors, you can weigh the components in your production prescriptions while weigh them directly into the reactor, instead of weighing them in a place scale. This makes your weighing process extremely easy and fast, giving you considerable advantages in the efficiency of your production process.



Formulation / Receipt Preparations

Reliable and Accurate Weighing For Perfect Receipt Formulation

- Multi scales solution including high accuracy precision balances
- Operator prompting, entering receipt, product, quality no, operator data, etc. via barcode readers
- ERP system integration for orders, receipt data and transferring weighing data
- Detailed reports
- Configurable receipt labels including barcodes
- Hardware compatible with wet and hygienic environment



Operator prompting & data control

The operator is prompted through related messages on weighing terminal to enter data such as receipt code, product name and code analyze code, operator code, etc. during formulation steps. Data entered via keys or barcode scanners is checked and error messages are given in case of wrong entry. The process cannot go forward until correct data entered or status such as weighing in predefined tolerances satisfied.



Graphical weight indication - DeltaTrac

For easy and error free working conditions, weighing is graphically indicated on weighing terminal screen; target and tolerance signs are shown and weight bar moves depending on the weight value. The operator directly follows the weight bar and performs weighing as placing the weigh bar between tolerance signs. The process does not go next step unless the weight bar is between tolerance signs.



Receipt ticket and reporting

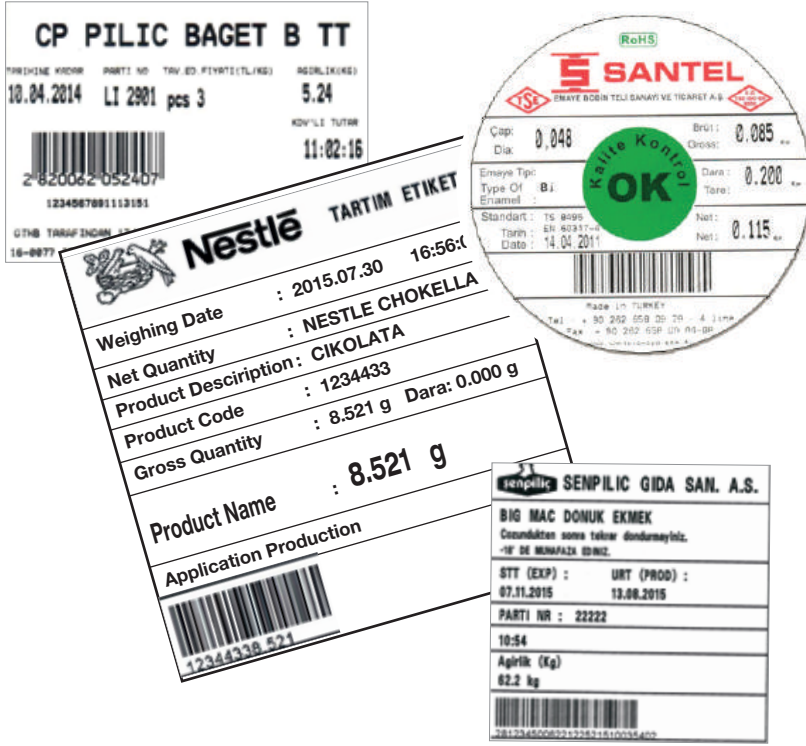
The receipt ticket including date, time, receipt data, material data and weighing data is given at the end of formulation process. Receipt, batch and similar barcodes are printed to trace prepared formulation in production stages. Receipt data including weight is transferred to ERP systems for detailed reports and to update production, material usage and stock data.

Labeling and Data Collection

Design Your Own Label Yourself

Easy and practical “do it yourself” solution for even very complex and complicated labels.

BAYKON windows based software offers you powerful and flexible facilities for weighing and labeling, data collection and reporting.



BAYKON Data Collection, Labeling and Reporting Software

- Weighing menu is configured directly by the user. Multi language weighing menu can be defined.
- The user can design his own label by mouse and save it in the label directory. Actual label is selected through weighing menu from the label directory.
- Data is entered via keys or bar code readers. Predefined tables and codes are used for easy and error free data entry.
- Bar codes are defined by user and printed as different bar code types.
- Detailed reports can be sorted.
- Automatic and manuel data export. Data to be exported is defined by user.
- Automatic labeling for automatic weighing is available.
- Counting function is available.



Automatic Filling Systems

Confirmed Tin, Barrel and Container Filling Systems for Commercial Applications

Modern filling machines use advanced electronic technology, so filling accuracy and speed are extremely high. BAYKON will produce the optimum solution for you, for all kinds of weighing and liquid filling problems.

- Confirmed for commercial applications according to the relevant regulations
- High sensitivity and filling speed
- Automatic tare control
- Adaptive, tank level, temperature and viscosity changes are automatically monitored and the cutoff values are set automatically.
- Suitable for corrosive, wet and hygienic environments



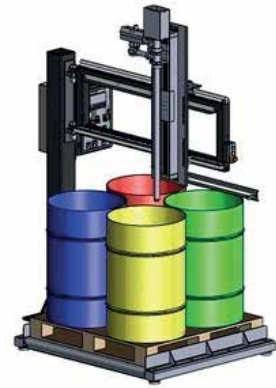
Tin Filler

- Designed for standard tins.
- There are options to fill in from the inside or from the bottom.
- Filling bags for 60 kg or over
- Easily adjustable to the desired height.



Single Barrel Filling

- The barrel can be easily placed low-weight platform.
- The barrel can be down loaded via a small angle
- For bubbling material there is a filling option from below.



Quadruple Barrel Filling

- Four barrels are filled in sequence on a single weighing platform.
- For bubbling material there is a filling option from below.
- The weighing platform can be inside the floor or on the ground.
- It can be taken from pallet filling point by moving roller system.

Filling Systems For Dust and Granule Materials

Different type of filling processes are applied according to the materials types and filling constructions; weighing into a container and emptying, weighing during discharging, discontinuous weighing and totalizing, etc... Based on its know-how, technical experience and powerful products portfolio, BAYKON will develop you the best solution



Mixing / Dosing Systems

Low Operation Cost, High Efficiency



Professional Solutions, 100% Support ...



There are an automatic mixing and dosing terminals in the BAYKON product range so you can make an automatic mixing and dosing. Our high-precision scales, indicator and weighing modules will provide you with the most accurate, fast and precise solution capture.

In automatic mixing / dosing systems, the destructive effects of mechanical vibrations occurring during mixing, such as all tolerance deviations from chemical reactions, are minimized as much as possible. Solution-focused custom applications accelerate your processes, production it increases your quality and reduces your losses, increasing your efficiency and at the same time enabling you to rationalize your business. Mixing / Dosage prescriptions for Ethernet, WLAN, Bluetooth, RS232-RS485 serial can be automatically transferred from a database with secure connection options such as communication. You can automatically save the weighing results into your ERP system. With collected data, you can get production reports and make statistical analyzes.



BAYKON offers long-lasting and safe solutions with ATEX approved weighing equipment for hazardous areas that are compatible with all kinds of tough, corrosive and hygienic environments. Your requirements at every stage, such as project setup, commissioning, calibration and accrediting documentation, system validation, ERP integration, fast and efficient after-sales service support, are provided by BAYKON with international standards.

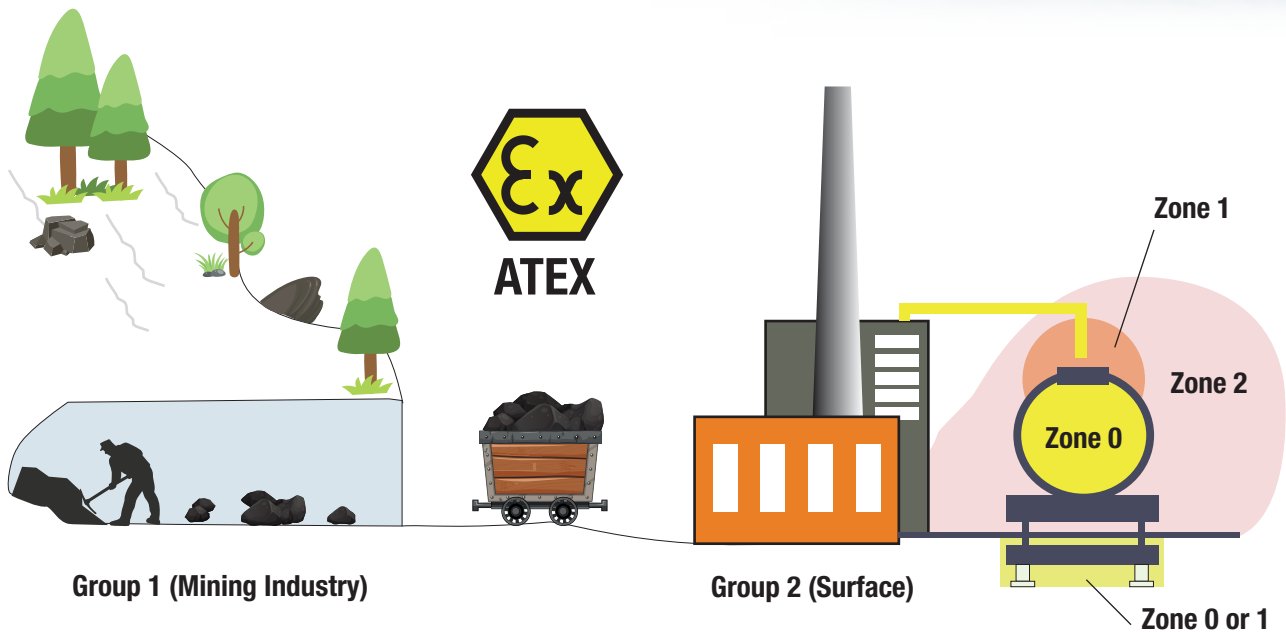
Ex-Proof Weighing Systems

Security First !!!

When necessary and approved measures are taken, it is possible to easily weigh in explosive, flammable flammable areas.

Baykon is at your side with your needs for weighing systems when contains scales used at all flammable gases, liquid vapors, cloudy dust in potentially explosive atmospheres or ATEX approved weighing instruments.

BAYKON's educated & experienced staffs in explosive areas where to provide the right solution for you!



ATEX Zone Classification

- **Zone 0:** A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or mist is present continuously or for long periods or frequently.
- **Zone 1:** A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or mist is likely to occur in normal operation occasionally.
- **Zone 2:** A place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
- **Zone 20:** A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is present continuously, or for long periods or frequently.
- **Zone 21:** A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.
- **Zone 22:** A place in which an explosive atmosphere in the form or a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.

Ex-Proof Weighing Systems

BAYKON 's precision and industrial type scales which is ATEX approved weighing instruments descend your risks to minimum and to guarantee a maximum weighing accuracy.

With ATEX approved scales, load cells, junction boxes and advanced weighing electronics suitable products / solutions from the operator Zone 1/21 to Zone 2/22, and from 0.1 mg to 100 ton weighing at different capacities.

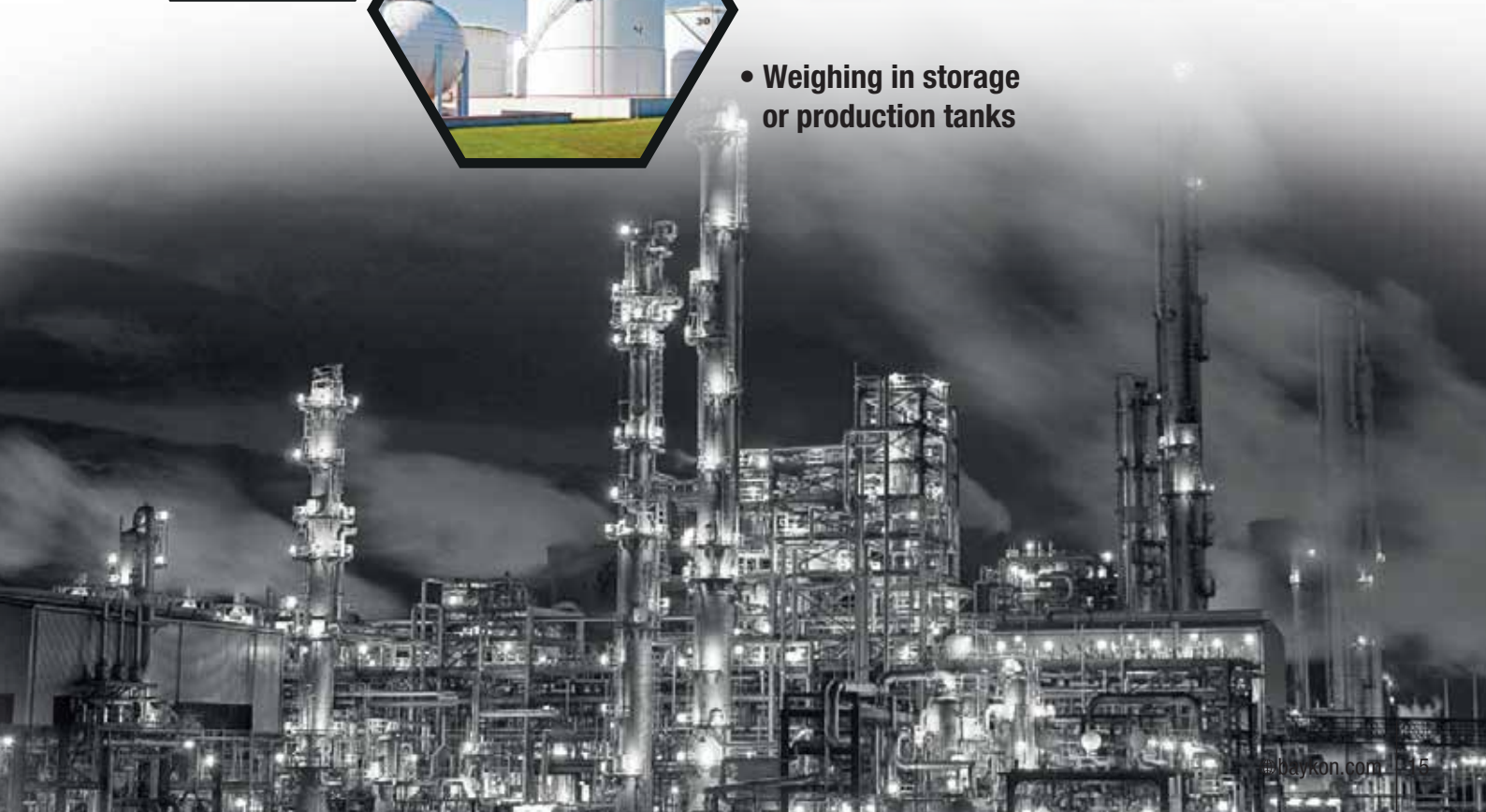


• Precision and Industrial scales

• Weighing-Filling systems

• Tanker filling and weighing applications

• Weighing in storage or production tanks

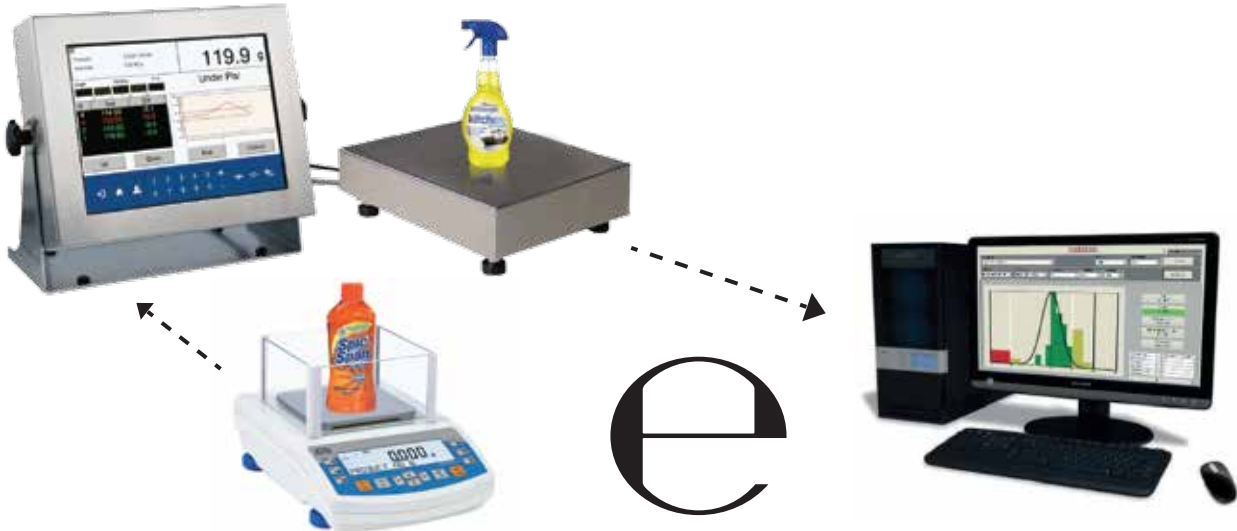


BakNET Statistical Quality Control

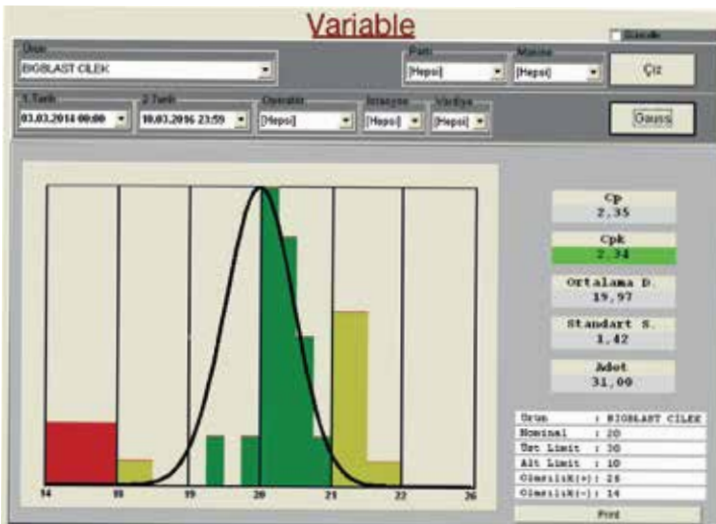
Your Packaged Products Are Under Control

BAYKON BakNET Statistical Quality Control – SQC software which is a multi user quality system connected to an MS SQL server. It provides you to control net content of your pre-packaged products during filling and packing processes, to save weighing records automatically and to enable you informative reports and statistical evaluations from the rugged SQL database.

With the help of BakNET, you can fulfill legal requirements of e-marking directives, prevent your risks caused by less or more fill quantities. Controlling product lost will provide rapid payback.



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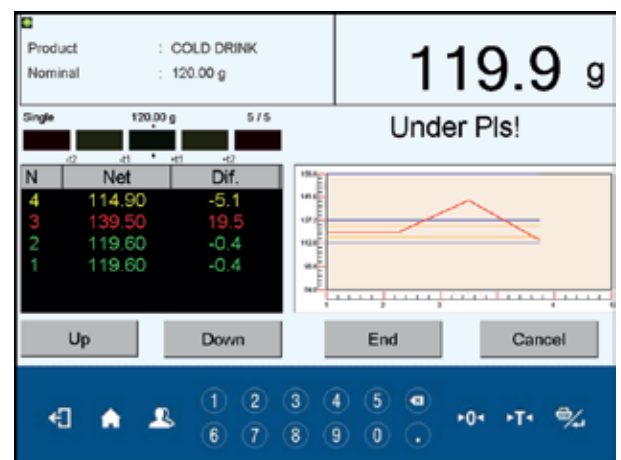
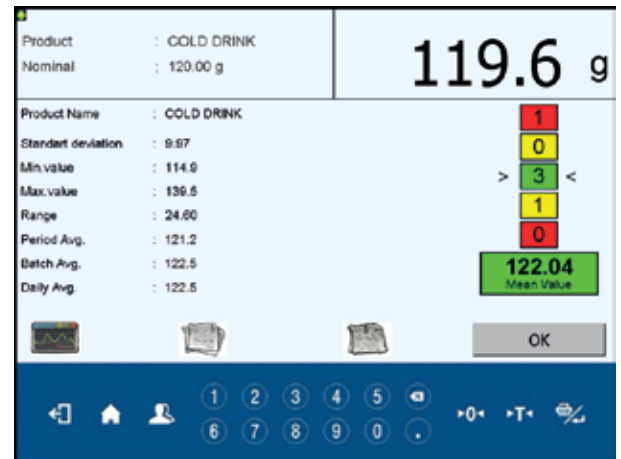
BAYKON BakNET Software

- Provides reliable net content control of your products during filling and packing processes
- Automatically saves weighing records for traceability
- Helps you to fulfill legal requirements
- Produce statistical reports including average weight, standard deviation
- Guides filling operators to adjust machines to prevent less or more fill quantities.
- Creates records to analyze filling performance of your machines

BakNET Computer based SQC- Statistical Control System

Filling operator enters his password via PUE HY10 terminal's touch screen LCD monitor, selects product code or name, enters batch no, machine code and starts sampling. Operator is guided by proper messages on PUE HY10 monitor along sampling steps. Result of sampling is given to the operator and saved in SQL server. Results of sampling process as graphic and texts are followed on main PC and monitoring PC screens in production and/or quality managers. Various type of reports are given.

Each sampling result appears automatically on PC screen in Production and/or Quality manager's desk. Acceptable out of tolerance results colored with YELLOW and unacceptable results colored with RED lines. Individual sampling values are shown if the respective sampling line is double clicked.



Activities

1. Tarih: 20.09.2011 2. Tarih: 20.09.2011 Alan: Fındıklı Çikolata Erişim: FİNDIKLI ÇIKOLAT

Numara	Tarih saat	Ad	Yed	Ürün	Notlar	Açıklama	Birim	Stk
1	20.09.2011 10:05:32	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	49.8	g	
2	20.09.2011 10:05:06	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	43.5	g	
3	20.09.2011 10:04:37	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	54.3	g	
4	20.09.2011 10:04:18	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	47.5	g	
5	20.09.2011 10:03:55	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	47.5	g	
6	20.09.2011 10:03:32	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	40.8	g	
7	20.09.2011 10:03:07	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	53	g	
8	20.09.2011 10:02:09	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	50.8	g	
9	20.09.2011 10:01:21	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	43.5	g	
10	20.09.2011 09:59:39	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	51.4	g	
11	20.09.2011 09:54:21	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	49.7	g	
12	20.09.2011 09:52:09	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	49.7	g	
13	20.09.2011 09:43:45	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Beşli deşli	-		
14	20.09.2011 09:33:11	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	-		
15	20.09.2011 09:31:12	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	-		
16	20.09.2011 09:28:56	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	51.2	g	
17	20.09.2011 09:26:49	FINDIKLI ÇIKOLATA	OKB01	ÇIKOLATA	Ortalama değer	56.1	g	

Reports

1. Tarih: 27.09.2011 2. Tarih: 20.09.2011

Numara	Tarih saat	Çikolad	Ürün	T2	T1	T1+	T2+	Ortalama değer	Nominal	Birim	Stk
1	20.09.2011 10:05:32	FINDIKLI	ÇIKOLATA	0	0	2	0	49.8	48	g	
2	20.09.2011 10:05:06	FINDIKLI	ÇIKOLATA	0	0	0	0	43.5	48	g	
3	20.09.2011 10:04:37	FINDIKLI	ÇIKOLATA	0	0	4	0	54.3	48	g	
4	20.09.2011 10:04:18	FINDIKLI	ÇIKOLATA	0	0	0	0	47.5	48	g	
5	20.09.2011 10:03:55	FINDIKLI	ÇIKOLATA	0	0	0	0	47.5	48	g	
6	20.09.2011 10:03:32	FINDIKLI	ÇIKOLATA	0	0	0	0	40.8	48	g	
7	20.09.2011 10:03:07	FINDIKLI	ÇIKOLATA	0	0	0	0	53	48	g	
8	20.09.2011 10:02:09	FINDIKLI	ÇIKOLATA	0	0	2	0	50.8	48	g	
9	20.09.2011 10:01:21	FINDIKLI	ÇIKOLATA	0	0	0	0	43.5	48	g	
10	20.09.2011 09:59:39	FINDIKLI	ÇIKOLATA	0	0	1	1	51.4	48	g	
11	20.09.2011 09:54:21	FINDIKLI	ÇIKOLATA	0	0	1	0	49.7	48	g	
12	20.09.2011 09:52:09	FINDIKLI	ÇIKOLATA	0	0	1	0	49.7	48	g	
13	20.09.2011 09:43:45	FINDIKLI	ÇIKOLATA	0	0	0	0	51.2	250	g	
14	20.09.2011 09:33:11	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
15	20.09.2011 09:31:12	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
16	20.09.2011 09:28:56	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
17	20.09.2011 09:26:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
18	20.09.2011 09:24:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
19	20.09.2011 09:22:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
20	20.09.2011 09:20:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
21	20.09.2011 09:18:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
22	20.09.2011 09:16:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
23	20.09.2011 09:14:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
24	20.09.2011 09:12:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
25	20.09.2011 09:10:49	FINDIKLI	ÇIKOLATA	0	0	2	2	56.1	48	g	
26	20.09.2011 09:08:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
27	20.09.2011 09:06:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
28	20.09.2011 09:04:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
29	20.09.2011 09:02:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
30	20.09.2011 09:00:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
31	20.09.2011 08:58:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
32	20.09.2011 08:56:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
33	20.09.2011 08:54:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
34	20.09.2011 08:52:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
35	20.09.2011 08:50:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
36	20.09.2011 08:48:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
37	20.09.2011 08:46:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
38	20.09.2011 08:44:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
39	20.09.2011 08:42:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
40	20.09.2011 08:40:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
41	20.09.2011 08:38:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
42	20.09.2011 08:36:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
43	20.09.2011 08:34:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
44	20.09.2011 08:32:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
45	20.09.2011 08:30:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
46	20.09.2011 08:28:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
47	20.09.2011 08:26:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
48	20.09.2011 08:24:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
49	20.09.2011 08:22:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
50	20.09.2011 08:20:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
51	20.09.2011 08:18:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
52	20.09.2011 08:16:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
53	20.09.2011 08:14:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
54	20.09.2011 08:12:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
55	20.09.2011 08:10:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
56	20.09.2011 08:08:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
57	20.09.2011 08:06:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
58	20.09.2011 08:04:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
59	20.09.2011 08:02:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
60	20.09.2011 08:00:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
61	20.09.2011 07:58:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
62	20.09.2011 07:56:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
63	20.09.2011 07:54:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
64	20.09.2011 07:52:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
65	20.09.2011 07:50:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
66	20.09.2011 07:48:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
67	20.09.2011 07:46:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
68	20.09.2011 07:44:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
69	20.09.2011 07:42:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
70	20.09.2011 07:40:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
71	20.09.2011 07:38:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
72	20.09.2011 07:36:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
73	20.09.2011 07:34:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
74	20.09.2011 07:32:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
75	20.09.2011 07:30:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
76	20.09.2011 07:28:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
77	20.09.2011 07:26:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
78	20.09.2011 07:24:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
79	20.09.2011 07:22:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
80	20.09.2011 07:20:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
81	20.09.2011 07:18:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
82	20.09.2011 07:16:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
83	20.09.2011 07:14:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
84	20.09.2011 07:12:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
85	20.09.2011 07:10:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
86	20.09.2011 07:08:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
87	20.09.2011 07:06:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
88	20.09.2011 07:04:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
89	20.09.2011 07:02:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
90	20.09.2011 07:00:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
91	20.09.2011 06:58:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
92	20.09.2011 06:56:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
93	20.09.2011 06:54:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
94	20.09.2011 06:52:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
95	20.09.2011 06:50:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
96	20.09.2011 06:48:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
97	20.09.2011 06:46:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
98	20.09.2011 06:44:49	FINDIKLI	ÇIKOLATA	0	0	0	0	11.8	18	g	
99	20.09.										

Automatic Weighing Scales/Checkweigher

%100 Control

Baykon and Radwag checkweighers have been designed to meet the highest demands of users. Not only do they ensure control and optimization of the production process but also minimise loss and provide significant cost reductions.

Compact design allows space saving in your production area and complies with hygiene standards with easy to clean stainless steel structure.



The Highest Weighing Precision and Mass Control

- 0,01 g accuracy
- Electromagnetic module developed by Baykon

Throughput and Speed

- Shorter operating time-greater line productivity
- Minimisation of production downtime
- Economy-raw material loss reduction.

Reliable Production

- Rejection of non-tolerance products
- Use of metal detector to remove metallic parts in the product

Control Process Management E2R System

- Option of creating multi-workstation networks
- Keeping records of data stored in scales
- Exporting data to external system

Accordance with the quality standards

- MID-directive on measuring instruments. OIML R51-in accordance with the test procedures
- HACCP- system of hazard and critical control points analysis
- PGC- accordance with the legal requirements of Packaged Goods Regulation.
- GMP-Good Manufacturing Practice

High Quality

- IP67 protection rate.
- Materials: AISI 304 or AISI 316 steel.
- Quick assembly and installation
- The maintenance and cleaning process of the mechanical parts is simple and fast
- Components protected against adverse external conditions.

Vast Range of Functions

- Data control and protection
- Customisation of the control type according to user demands.
- 100% control of products.
- Batching processes control via feedback
- Alibi storage
- Interfaces: Ethernet, Profibus, USB, Wi-Fi
- Multilingual, intuitive menu of the device.
- Multi-product.



Rotational Scales for Cylindrical Products

The scales are intended for controlling single loads of cylindrical items (jars,tubes, sprays,aerosols,bottles)

The checkweigher construction makes it a perfect solution for all the products with a small diameter of the base and a high centre of gravity.



Special Design for Biscuit and Confectionery Industry

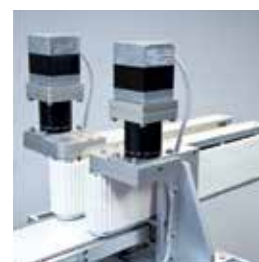
The scales are mostly intended for weighing wafers. Special construction, where the weighing module is mounted over the conveyor line, keeps it clean (wafer, toppings and cream leftovers fall into the container placed under the conveyor)

Characteristics

- Type approval conformable to MID directive.
- Tests in accordance with OIML R51
- AISI 304 or AISI 316 stainless steel design.
- Possibility of seamless integration of the checkweigher into existing production lines.
- Open construction,easy maintenance and cleaning.
- Wiring system designed inside conveyor frames.
- Quick disassembly of weighing pan shielding.
- Anti-draught shielding of the weighing belt (in accordance with industrial safety regulations)
- Lockable storage bin (conformable to HACCP)
- Extra conveyor systems for optimal product distribution.
- Static side guides system and mechanically driven guides system.
- Pressure control,line jam sensor and bin over-load sensor complete system of auto diagnostics.
- Continuous control of all scales systems.



Rotational feeder of cylindrical products



Side guides system for transporting bottles



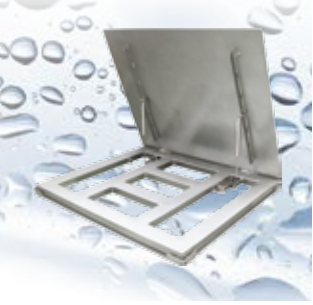
Tunnel metal detector

Metal Detection

Installation of the tunnel metal detector allows detection of any impurities in the weighed products. Metal and metal compounds detection is carried out,in motion, Therefore,there is no need for stopping the conveyor belt.The report on the detector operation and the weighing report on the product series are combined.







Innovative Weighing Technologies

World-class weighing products & solutions...



Specifications are subject to change without notice. 03 - 01 / 2021

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BAYKON
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