INDUSTRIAL WEIGHING PRODUCTS AND SOLUTIONS

BAYKON
Industrial Weighing Systems
BAYKON; having the international accreditations of weighing industry, with is qualified and experienced staff and its professional solutions supported by a large product portfolio; is the leader of the industrial weighing industry in Turkey.

Since its first day cooperates with world leaders; follows and uses the newest technology; solves customers problems by developing innovative products and solutions.

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OIML approved process and application terminals for industrial processes...

Process instruments designed for industrial working conditions and applications with industry standard interfaces for quick and reliable connectivity. Speed up your processes and get benefits from these certified instruments.

**BX 1 Process terminal**
With powerful PLC connectivity options and calibration features including electronic calibration without test weights and various type of housings for different industrial environments; it is ideal for industrial processes.

- 10000e / 2x6000e OIML approval
- eCal; electronic calibration without test weights
- Active vibration suppression filter
- PLC integration; Modbus, Profibus, Ethernet, Parallel I/O, Analog (4-20 mA, 0-10 VDC), Binary
- 3 types industrial housings: IP30 Aluminum cast Desk type, IP65 stainless steel Wall/Desk type and Panel type with IP65 stainless steel front panel

**BX 2 Application terminal**
It is designed for common processes such as labeling, peak and hold, dynamic weighing, basic filling and over/under weighing. Different type of standard and customized label are important features. It has various type of housings for different industrial environments.

- Application modes: Labeling, Filling, Dynamic, Peak and Hold, Over/Under weighing
- Date, time, 2 x ID, consecutive no, gross, tare and net weight can be printed, ticket header and footer can be defined by user
- 10000e / 2x6000e OIML approval
- 3 types industrial housings: IP30 Aluminum cast Desk type, IP65 stainless steel Wall/Desk type and Panel type with IP65 stainless steel front panel

**BX 3 Filling terminal**
Designed for filling of all type of liquid and bulk materials. It is user configurable device for special filling processes. BX 3 terminal is compatible with EU MID Gravimetric Filling Directives. BX 3 has various PLC integration options such as Modbus, Profibus, Ethernet and RS485 serial communication.

- 7 standard filling modes configurable for special processes
- 10000e / 2x6000e OIML approval
- Compatible with EU MID Gravimetric Filling Directives
- PLC integration; Profibus, Modbus, Ethernet, RS485
- 3 types industrial housings: IP30 Aluminum cast Desk type, IP65 stainless steel Wall/Desk type and Panel type with IP65 stainless steel front panel
BX5 Truck scale indicator
BX5 is truck scale indicator used with or without a PC. 99 first weighing and 99 vehicle tare records can be saved. BX5 has 3 weighing modes: Standard weighing, Weighing with preset vehicle tare and Transit weighing which is single weighing. 5 different reports as daily, between any two dates, between any two ticket numbers.
- Weighing modes: Standard, Weighing with preset vehicle tare and Transit single weighing
- Up to 19,000 weighing records memory
- 99 pcs first weigh records and 99 pcs vehicle tare memory records memory
- 10000e / 2x6000e OIML approval
- Housings; IP30 Aluminum cast and stainless steel IP65 washdown protected.
- RS232C data output is standard
- Optional traffic lights and remote display connection

BX6 Weighing Terminal
BX6 is an industrial PC based terminal operates with PC keyboard and VGA monitor. Weighing menu and ticket is user configurable, tables and codes are defined for easy and error free data entry. User configurable detailed and total reports are produced. Ethernet option is available for manual and automatic data export.
- User configurable weighing menu and weight ticket
- Multi language usage as English, German, Russian, Arabic, Polish, etc.
- OIML 10000e / 2x6000e approved
- Stainless steel cover and front plate, galvanized body structure
- Up to 30,000 weighing records memory
- Standard VGA monitor and PC keypad
- 2nd RS232C data output for remote display
- 90 - 260 VAC , 50/60 Hz power supply

BX6-WIN Weighing Terminal
BX6 is windows CE based terminal operates with PC keyboard and VGA monitor. Weighing menu and ticket is user configurable, tables and codes are defined for easy and error free data entry. Powerful reporting and data exporting are important features. BX6-WIN supports proximity card readers for vehicle identification, traffic lights, remote displays sensors for truck position control and ticket printer.
- Windows CE based industrial terminal
- User configurable weighing menu and weight ticket
- Automatic and manual data export as text file
- Multi language usage as English, German, etc.
- OIML 10000e / 2x6000e approved
- Stainless steel cover and front plate, galvanized body structure
- Standard VGA monitor and PC keypad
- Proximity card reader, traffic lights, optic sensor, ticket printer and remote display connection
- 90 - 260 VAC , 50/60 Hz power supply

BX10L Weighing indicator
BX10L is big weight display with 57mm and 100mm digit height offering to see the weight from long distances. With its robust stainless steel housing and sun visor, it is designed for usage outside and in harsh industrial environment. Key functions can be executed remote as wireless connection. RS232C data output is standard for PC or printer connection.
- Big weight display as 57mm or 100mm digit height
- Stainless steel housing with sun visor against direct sun light outside usage
- Wireless remote keys
- RS232C data output is standard
**TX1/TX1 (W) Analog transmitters**

TX1 is accurate and low cost analog transmitter has microprocessor based electronic. It is adjusted digitally via its keys on front panel or by a PC via optional RS232C port. TX1 features electronic calibration - eCal without test weights, digital filters, parallel I/O port.

- Analog output selection as 4-20mA or 0-10VDC
- A/D conversion: 16 bits, up to 400 conversion/sec.
- 10 steps selectable digital filter
- eCAL - Electronic calibration without test weight
- Parallel I/O port: 2 x setpoints and error outputs, zeroing Input.
- Calibration via PC by xFace software
- Easy mounting with DIN rail housing

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**TX2 Digital transmitters**

TX2 transmitters provide digital weight data as RS232C, RS485, Ethernet and various fieldbus options. Same as process weighing indicators, TX2 has weighing functions; zeroing, taring, tare recovery at power off, motion detection, power on zero, automatic zero tracking.

- Interface: RS-232C, RS-485, Ethernet, Modbus RTU, & TCP/IP, Profinet, CANopen
- A/D conversion: 24 bit, 800 conversions/sec.
- Electronic calibration (eCAL) without test weights
- 8,000,000 internal, 100,000 external resolution, 2,000,000 counts
- Standard calibration, zero and span adjustment, calibration under load and electronic calibration without test weight

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**TX4 Digital transmitters**

TX4 has the same features of TX2, it has additional parallel port with 1 x Output and 2 digital ports configurable as input or output. TX4 features anti-vibration filter and electronic calibration without test weights via BAYKON xFace software. DIN rail housing for easy montage.

- Parallel I/O: 1 digital Output and 2 digital ports configurable input or output.
- A/D conversion: 24 bit, 800 conversions/sec.
- 8,000,000 internal, 100,000 external resolution, 2,000,000 counts
- Standard calibration, zero and span adjustment, calibration under load and electronic calibration without test weight

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**MX08 Digital transmitters**

MX08 a multi channel digital transmitter designed to connect multi weighing sensors to PLC via RS-232C port, RS-485 and various fieldbus options. Maximum configuration is 1 x Gateway, 8 pcs Analog digitizers, 8 pcs Parallel I/O module each with 4I/O and Local display. MX08 features high speed, anti-vibration adaptive digital filter and electronic calibration (eCal) without test weights.

- Analog digitizer produced equally and replaceable.
- Local Display; easy and local service in site
- A/D conversion: 24 bit, 800 conversions/sec.
- 8,000,000 internal, 100,000 external resolution, 2,000,000 counts
- Standard calibration, zero and span adjustment, calibration under load and electronic calibration without test weight

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**ANALOG & DIGITAL TRANSMITTERS**

Direct connectivity between sensors and your PLC/PC.

BAYKON world class analog and digital transmitters with a wide variety of data interfaces to enable you to communicate with your PLCs, MES or ERP systems.
Globally approved, accurate and high quality load cells and weigh modules up to 1000 T capacities.

BAYKON offers full range of load cells for usage in every scale applications for all industrial environments such as wet, hazardous, etc. We also offer weigh modules including load cell and mounting hardware needed to convert your tank or other constructions into a scale.

Single point load cells
Compression type load cells ideal for retail scales, bench scales and floor scales up to 1500kg capacity.
- Aluminum and stainless steel construction
- IP67 and IP68 protected models
- Up to 2000kg capacities
- OIML r60 C3, C4 and C6 approval
- ATEX approval for hazardous areas

Beam/Shear beam load cells
Suitable for floor scales, hopper and bagging scales, low capacity tank and hopper scales. They are used as compression and hanged construction.
- Steel and stainless steel construction
- IP67 and IP68 protected models
- From 5 kg to 22.5T capacities
- OIML r60 C3, C4 and C6 approval
- ATEX approval for hazardous areas

S-Type load cells
Universal load cells are used as compression and tension. Suitable for test machines, force measurement, tank and silo scales, mechanical scale converting.
- Steel and stainless steel construction
- IP67 and IP68 protected models
- From 1 kg to 10T capacities
- OIML r60 C3 approval
- ATEX approval for hazardous areas

Column type load cells
Ideal for heavy capacity tank and silo scales, truck scales, test equipments and force measurement. Available as compression and tension.
- Steel and stainless steel construction
- IP67 and IP68 protected models
- Up to 1000T capacities
- OIML r60 C3 approval
- ATEX approval for hazardous areas
Digital load cells
Advanced digital technology in electronic scale industry offers higher accuracy, reliability, weighing safety, quick service and best up-time period. Ideal for truck scales.

- Stainless steel construction
- IP68 protected
- Up to 100T capacities
- OIML r60 C3, C4 & C6 approval
- ATEX approval for hazardous areas

Double ended shearbeam load cells
Very suitable for heavy capacity tank and hopper scales. With proper hardware, they offer accurate and very safe scales against earthquakes, winds, vibrations.

- Steel and stainless steel construction
- IP67 and IP68 protected models
- Up to 100T capacities
- OIML r60 C3 approval
- ATEX approval for hazardous areas

WEIGH MODULES
Accurate, reliable and safe weighing results for all type of scales such as platforms, tanks, cranes, conveyors, etc. can be achieved by only proper and well designed mechanical hardware.

Model LA63/LA63S weigh modules
Up to 5T capacities, directly installed under tank legs. Self-bumpered models are used for dynamic applications such as mixing tanks, conveyors.

LABD410/BD410S weigh modules
Ideal for high capacity tanks located open areas under wind affect in areas under earthquake risk. Offers low cost and easy montage. Static painted and full Stainless steel models are available.

MT SWC515 weigh modules
Galvanized or full stainless steel Mechanical part with stainless steel IP68 high accurate load cell offers best accuracy and safe installation. Integrated lift-up protection and rod against vibration and mixing, available up to 30T.
Convert your tank, reactors or silos into a scale...

BAYKON weigh modules enable you to convert your tanks, reactors and silos into a scale accurately and safely. You can see the weight, handle your weighing process fast and easily, follow stock status of your materials continuously and directly integrate them into your ERP/SCADA systems.

BAYKON weigh modules

Depending on your working environment and mechanical construction, there exists a BAYKON weigh module as static painted, galvanized or full stainless steel construction convenient for dusty, wet or even hazardous areas, functions as tension or compression.

You can weigh your tanks safely and practically by using BAYKON weigh modules. Your tank scale will enable you to weigh your products directly into your tank and reactors which will provide fast, easy working conditions and high productivity.
For all industrial environments; starting from 3kg capacity...

In our industrial scale portfolio, from 3 kg to 12,000 kg, there exists a model satisfying your accuracy demand, convenient for your applications and working conditions; painted steel or stainless steel construction, IP69k protected, ATEX approved, legal for trade usage...

<table>
<thead>
<tr>
<th>Model</th>
<th>T / TS</th>
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<tbody>
<tr>
<td>Construction</td>
<td>Static painted with st.st. cover or full st.st. construction</td>
</tr>
<tr>
<td>Protection</td>
<td>IP67/68/69k</td>
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<tr>
<td>Resolution</td>
<td>Capacity</td>
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<td>2 x 3000e</td>
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<tr>
<td>Platform Size-mm</td>
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<tr>
<td>BB 300 x 400</td>
<td>0.5/1g</td>
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<tr>
<td>B 400 x 500</td>
<td>5/10g</td>
</tr>
<tr>
<td>BC 500 x 650</td>
<td>10/20g</td>
</tr>
<tr>
<td>CC 600 x 800</td>
<td>10/20g</td>
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<tr>
<td>Options</td>
<td>Non-approved up to 30000d</td>
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<tr>
<td>Construction</td>
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</tr>
<tr>
<td>Protection</td>
<td>IP66 / IP68</td>
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<tr>
<td>Resolution</td>
<td>Capacity</td>
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<tr>
<td>2 x 3000e</td>
<td>300kg</td>
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<tr>
<td>Platform Size-mm</td>
<td></td>
</tr>
<tr>
<td>1000 x 1000</td>
<td>50g/100g</td>
</tr>
<tr>
<td>1000 x 1250</td>
<td>50g/100g</td>
</tr>
<tr>
<td>1250 x 1500</td>
<td>50g/100g</td>
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<tr>
<td>1500 x 1500</td>
<td>50g/100g</td>
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<tr>
<td>1500 x 2000</td>
<td>50g/100g</td>
</tr>
<tr>
<td>Options</td>
<td>1 x 6000e approved / Non-approved up to 30000d</td>
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Fast and easy weighing

No need to take your products to the scale; Baykon mobile pallet and drum weighing scales allows you to weigh anywhere in your plant. Baykon PA low profile scale solves your difficulties with having a pit; drive smoothly on the platform.

Pallet scale
Mobile, easy loading and fast weighing

Low profile scale
35mm height allows you easy loading without pit.

Drum weighing scale
You can weigh and fill your drums directly under your reactor and tanks, mobile and easy weighing

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<th>Models</th>
<th>PU / PUS</th>
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<tbody>
<tr>
<td>Construction</td>
<td>Steel / Galvanized / Stainless Steel</td>
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<tr>
<td>Protection</td>
<td>IP67/68</td>
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<tr>
<td>Resolution e: 3000e</td>
<td>Capacity</td>
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<tr>
<td>300kg</td>
<td>600kg</td>
</tr>
<tr>
<td>Platform Size - mm</td>
<td>1260x840</td>
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<tr>
<td>Free Size</td>
<td>500x450……..1260x1000 (long x interior width)</td>
</tr>
<tr>
<td>Options</td>
<td>2 x 3000e approved, 30000d non-approved</td>
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<tr>
<td>Construction</td>
<td>Steel / Stainless steel</td>
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<td>Protection</td>
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<tr>
<td>Resolution e: 3000e</td>
<td>Capacity</td>
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<tr>
<td>300kg</td>
<td>600kg</td>
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<tr>
<td>Platform Size - mm</td>
<td>1250x1500</td>
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<td>Options</td>
<td>2 x 3000e approved, 30000d non-approved</td>
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<td>Construction</td>
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<tr>
<td>Protection</td>
<td>IP67/68</td>
</tr>
<tr>
<td>Resolution e: 3000e</td>
<td>Capacity</td>
</tr>
<tr>
<td>300kg</td>
<td></td>
</tr>
<tr>
<td>Readability</td>
<td>100g</td>
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Mobile truck scale
Fastest way for weighing; you can speed up your weighing and shipping processes with Baykon mobile truck scales. You can get weighing tickets including date, time, 2 x ID codes, ticket number, gross, tare and net weight. You can also transfer weighing data via wireless RF modems to company host to record. Stainless steel models are available for wet and hygienic areas.

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<tr>
<th>Model</th>
<th>Capacity</th>
<th>Readability</th>
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<tbody>
<tr>
<td>TB1500</td>
<td>1500kg</td>
<td>0-1500kg x 0,5 kg</td>
</tr>
<tr>
<td>TB2000</td>
<td>2000kg</td>
<td>0-2000kg x 1 kg</td>
</tr>
<tr>
<td>TB1500M</td>
<td>1500kg</td>
<td>0-600kg x 0,2 kg; 600-1500kg x 0,5 kg</td>
</tr>
<tr>
<td>TB2000M</td>
<td>2000kg</td>
<td>0-1000kg x 0,5 kg; 1000-2000 kg x 1 kg</td>
</tr>
</tbody>
</table>

Crane scales
Battery powered portable scales from 100 kg to 40T capacities, legal for trade approved models available.

Wireless RF modem option allows you to transfer weight data to get ticket or to record weighing data into company host.

We delivery special car for hosting or carrying.

Monorail scales
You can directly weigh on rail, to get ticket and record your weighings.

Models with capacities 150kg, 300kg, 600kg and 1000kg. Legal for trade approval is available. Together with BAYKON labeling solutions, you can get tickets with barcode and collect weight data into your IT system.
Digital load cell based full digital truck scale provides:
- 100% reliable weighing
- Best down time period
- Highest accuracy

With analog load cell technology, problems can go undetected for long periods. Digital load cells gives you a proactive way for reliable weighing. If you buy and sell goods by weight, accuracy is crucial to your profitability. Digital load cell technology is designed for proactive service; enables to make right and quick repair.

Digital load cell
Load cell; heart of the electronic scale invented in 1940s. Since 1970s, analog load cell based electronic scales took mechanical scales’ place in scale technology. In parallel to digital technology revolution in electronic industry, in 1980, the first digital load cell was introduced into electronic scales by Mettler Toledo. Then, electronic scale with 100% digital electronic technology period providing unequalled reliability, highest accuracy, predictive diagnostic and best performance started.

Powercell PDX… New standard level at weighing reliability

- Highest accuracy: 500.000d internal, OIML 6000d approved accuracy.
- Construction: Load cell, upper & lower receivers are 17-4 ph stainless steel. Heavy duty load cell cables braided stainless steel sheathed and water proved.
- Breach detection: Internal pressure sensor warns of potential damage on load cell body.
- CAN bus interface: Fast, proven communication and monitoring
- Predictive diagnostic: Low cost repair expense and shortest down time.
- Toughest working conditions: Designed to work in heavy working conditions:
  - Temperature: Working test at -30°C and +50°C temperature.
  - IP68 protection: 7 days working test under 1.3m depth.
  - IP69 protection: Washing with pressurized hot water and 1000h salty water.
  - EMC test: EU electromagnetic and RFI tests are passed.
  - Hazardous area: EU ATEX approved
  - Vibration and shock test: Tested according to EN61373 standards.
  - %100 protection against lightning: PDX is tested to 82500A and passed.
BAYKON Truck Scale and Optional Accessories

BAYKON Truck Software

Windows based, user configurable, multi-user software operates in a scale network.
- User configurable weighing menu and ticket format
- Tables can be defined for customers, products or any entries for easy and error free entries.
- Powerful detailed reporting
- Traffic lights, barriers, remote displays connection
- Vehicle identification via proximity card reader, RFID reader or cameras.
- Up to 3 pieces IP cameras connection for weighing safety.
- LOG file for any changes to provide records safety.
- Automatic and manual data export
- Flexible definitions for user authorities

Unattended weighing terminal

AWT terminal designed to work for truck scale applications without operator. In case of connection lost, saves weighing records in its memory, transfers data automatically after connection is built or by flash disk.
Featuring:
- Stainless steel, IP65 housing with transparent front cover
- BX1 panel type indicator
- Panel PC with 5.7” touch screen color monitor
- Proximity card reader
- KIOSK type printer with auto cutter
- Thermostat controlled heater and cooling fan
- Interfaces traffic lights and optic sensor controlling truck position
EU MID approved, legal for trade pail, drum and container filling systems.

BAYKON offers you high-performance filling terminals and optimum solutions for your liquid and dust weighing needs:
- Adaptive filling control; material flow changes because of temperature, viscosity or level changes is traced and cutoff values are automatically compensated.
- Accurate, fast and repeatable filling
- Direct connectivity to PLC’s via fieldbus interfaces.
- EU MID legal for trade approval
- ATEX approved systems for hazardous areas.

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.
BX3 Automatic filling control terminal

BX3 is a professional filling terminal designed for any type of filling processes of liquid, bulk and granule material with all type of packages. It is OIML r61 approved and compatible with EU MID gravimetric filling directives.

2 speed fillings with preact adjustment, tare control, zero range control, tolerance control, jogging, valves position controls are standard features.

BX3 has 7 standard filling modes for different type of materials and packages. Customized filling process can be defined according to user processes.

Programmable Filling modes

Standard filling modes can be selected in programming parameters:
- Liquid filling for open containers, filling under bung hole or at bottom filling
- “Weigh in and emptying” mode for packing machines, bag fillers
- Tank/Silo filling and discharging
- “Weigh in-Weigh out” for sticky/viscous materials
- Discontinuous totalizers
- Customized filling modes for OEMs’ requests.

Standard features

- Class III / 10000e
- 14mm LED display
- 1/60 000 readability
- Digital 4 inputs/8 outputs
- Easy programmable filling modes
- Total/statistical reports
- 9 receipt memories
- Automatic preact correction
- Following filling steps and error messages
- Date, time, 2 x ID codes, gross and net weights are exported after filling
- Customized programming for OEM applications

System integration

- 2. serial port RS232C
- 3. serial port RS485
- Ethernet TCP/IP
- Modbus RTU/TCP
- Profibus
- Additional 4/8 parallel I/O
- Analog (0-10 V/4-20 mA)

Filling ticket and reports

BX3 terminal transmit date, time, filling number, gross, tare and net weights after each filling to a PC or printer.
After a filling batch, a statistical report “Batch Report” and “Total Report” including filling totals can be printed.
BATCHING / DOSING SYSTEMS

Low operation cost, high productivity

Professional solutions, 100% support...

Success in the increasingly competitive manufacturing business takes more than the latest technology or equipment. It requires a strategy that can increase efficiencies, reduce costs and generate profits — constantly and consistently. BAYKON is dedicated to helping customers be more competitive and profitable by developing innovative technologies and strategies, using experts in their fields and encouraging mutually beneficial alliances with leading system integrators, control system manufacturers and customers.

BAYKON provides you professional terminals specifically designed for batching, blending and dosing systems;
- Enhances batch, blending and filling control systems
- Increases material transfer speed and control
- Improves manufacturing capacity and quality
- Reduces manufacturing waste
- Measures and sustains performance and improvement
- Increases profitability and competitiveness traditionally
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.
LABELLING SOLUTIONS

Design your own label yourself

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

BAYKON LM6s windows based software offers you powerful and flexible facilities for weighing and labeling, data collection and reporting.

BAYKON Label X 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 manual data export. Data to be exported is defined by user.
- Automatic labeling for automatic weighing is available.
- Counting function is available.
Automatic dynamic weighing, classifying, data collection and reporting

BAYKON CW2 is dynamic scale used to check weight of bags, boxes, etc. automatically on the production lines to separate the packages which are out of tolerances or to classify them according to their weights. Statistical data base on collected weights is produced, reported and transferred via USB flash memory or through Ethernet connection.

- Industrial design compatible working environment
- High accuracy weighing
- Touch screen, color panel PC with WinCE operating system
- User oriented software, easy and practical usage
- Data transfer via USB Flash memory or Ethernet
- Software upgrade through internet
Accurate and reliable solutions for cargo and pallet dimensioning...

Manual measurement is slow, inaccurate and depends on human errors. As MT Cargoscan partner, BAYKON offers automatic cargo and pallet dimensioning solutions based on Cargoscan dimensioners. Our static and dynamic automatic dimensioning systems will provide you fast, accurate and reliable measurement and integration to your ERP systems to provide high efficiency.

Static and dynamic dimensioners

DWS910 is a multi data capture collection system which has CSN910 dynamic dimensioner, checkweigher and automatic barcode reader. The weight and the dimensions of cargos are automatically measured and AWB barcodes of cargos are identified by an automatic barcode reader.

CSN840 is static pallet dimensioner and it used for all type pallet dimensioning for any irregular shapes. It is used together with barcode reader and floor scale.

CSN810 is static dimensioner designed for cubic shaped cargos and boxes. It is used together with a bench scale and barcode reader.
知能，经验和技术团队是实现定制解决方案所必需的。

BAYKON作为工业称重和解决方案的领先公司，成功地为各个工业领域提供了许多专业定制解决方案。BAYKON参与了这些解决方案的所有步骤，包括设计、产品选择、安装和启动、校准、验证、自动化、ERP集成和维护。

高容量无线移动起重机称重系统

对于位于伊斯坦布尔的一家船厂，提供了将两件100吨张力型称重模块组合成一台的起重机秤，用于称重在船厂生产的船模块。电池操作的数字称重模块设计有无线通信中心显示器，该显示器是一个带有触摸屏彩色显示器的面板PC，安装在一个铝制外壳中。每个模块的重量和总重量以100kg的增量显示在中心显示器上。零键和x10显示键在触摸屏显示器上用于远程校零和10kg高分辨率指示。称重模块在国家计量研究所的力实验室经过测试，并提供校准证书。
Ship and yacht weighing systems

Many yacht and ship weighing systems were supplied to various shipyards. The very special one is a ship weighing system with 2200T capacity for a shipyard located in Tuzla, Istanbul. The scale is consisting 22 pieces 100T weigh modules specially designed by BAYKON. The weigh modules are battery operated with digital output which can communicate as wireless. 22 pieces weigh modules are in a network and connected to the central PC. Each module's weight are separately indicated on the PC monitor. Group of some weigh modules and total weight are also indicated on the monitor. Each module can be calibrated through PC by BAYKON application software electronically.

Mobile weighing and data collection

In the warehouse of an international bus company located in Istanbul, transpallet scales with wireless barcode readers are used for mobile weighing. The weight and barcode data is collected by a customized system including central PC with BAYKON application software. The central PC is communicating 3 pieces transpallet scales and barcode readers as bi-directional and wireless, collects weight and barcode data, integrates the collected data with factory database and warns the operators with appropriate lamp signals on the transpallet in case of any inconvenience with factory database.

Fish classifying system

Our Izmir brunch BAYKON-EMK has supplied a fish classifying system to a fish plant. Fishes are weighed dynamically and classified into 5 different pools according to their weights. The system is designed and supplied as complete system together with the checkweigher and other mechanical parts and electronic control unit.
**BAYKON DWS910 Automatic dimensioning, weighing and barcode identification system**

DWS910 system is supplied to one of the leading air cargo logistic company’s warehouse at Istanbul Atatürk Airport. The weight and the dimensions of cargos are automatically measured and AWB barcodes of cargos are identified by automatic barcode reader. DWS910 has online connection to company’s host and AWB barcode check is applied. In case of a wrong AWB is identified cargo is stopped and the operator is warned with a the related lamp signal. A quick detailed shipping list is taken automatically.

**Unattended truck scale weighing system**

It is designed for the truck scales which is located far a way from the main gate and no scale operator is needed. Unattended truck scale automation is supplied to various companies which are internationally leading brands in food, automotive, chemical industrial sectors. Automatic vehicle identification is done via proximity card reader, magnetic card reader or license plate reading cameras. The photos of truck during weighing are taken automatically and saved into weighing records for weighing safety.
High quality, OIML E1, E2, F1, F2, M1 & M2 class weights

OIML classes weights from E2 1mg to M1 1000kg capacities together with calibration certificates of BAYKON Mass Laboratory accredited by TÜRKAK which has multilateral agreement with European Accreditation-EA.

Weight sets

Weight sets for all OIML classes from 1mg up to 10kg capacity with all combinations supplied in high quality boxes and accessories.

Weights and weight baskets

- GMP and HACCP compatible hygienic environment
- Calibrated stainless steel weight basket provides easy and fast calibration
- Certified by BAYKON accredited Mass Laboratory.

Cast iron weights

- Painted cast iron
  - 5 kg – 10 kg – 20 kg – 50 kg
- 500 kg
- 1000 kg

Stainless 2Cr13
- 5kg – 10kg – 20kg
BAYKON Mass and Scale Calibration Laboratory accredited according to ISO 17925 standards

BAYKON Mass Laboratory is the accredited private laboratory which has the widest range from E2 1mg to M1 1000kg. Our scale calibration accreditation covers up to 80T capacity.

BAYKON Mass and Scale Laboratory accredited by Turkish Accreditation Agency-TÜRKAK which has multi lateral agreement (MLA) with European Co-operation for Accreditation.
All your needs from project level to after sales service

- Design and project support
- Right product selection
- Professional solutions
- Standard and customized softwares
- Montage and commissioning
- Accredited calibration service
- Accredited verification service
- Validation service
- After sales service
- Periodical service agreements

Fast and effective service

Based on BAYKON’s one of the main principal which is feeling customers’ problems as ours, our qualified and equipped specialist are committed to provide best service as fast as possible to ensure reliable operation conditions. We offer you periodical service contracts to increase lifetime of your products and best productivity in your business. Take us at our word, just call us.
BAYKON is one of the first companies in weighing sector of TURKEY which acquired the ISO9001 Quality Management Certificate.

BAYKON products are tested and certified by the Danish notify body DELTA according to 90/384/EEN NAWI Directives.

BAYKON Scale and Mass Calibration Laboratory is the first laboratory in TURKEY accredited by TÜRKAK, a member of European Co-operation for Accreditation (EA) according to ISO 17025.

Our EU verification service is accredited by the Swiss notify body METAS.
BAYKON
Industrial Weighing Systems

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