METTLER TOLEDO

Bench Scale and Portable Scale

Accurate and reliable weighing for a wide range of applications

InVision™ Smart Scale

Take the Next Step in Smart Weighing

Achieve easy handling and error-free operation in picking and packing applications with the smart algorithms of InVision™, combining weighing with visual recognition and picture capture. The smart scale directly connects to production and ERP systems for full data visibility and visual proof of successful order fulfillment.

Highest Quality Kits

Zero missing parts is a reality with InVision™ as your second set of eyes on every package. When you reduce the risk of human error in manual picking processes, you can achieve 100% quality kits and maximize customer satisfaction.

Up to 30% Better Productivity

InVision™ combines guided working steps and intuitive process verification with smart workstation design, leading to increased operator efficiency. See productivity improvements of up to 30% and get more out of your processes.

100% Process Traceability

Benefit from automatic data and image capture with every kit. Send the information to your connected ERP or MES for simplified track-and-trace documentation.

Smart Algorithm for Failsafe Results

A smart machine-learning algorithm combines camera recognition and weighing for twice the process quality verification. InVision™ is able to identify parts that are very similar in weight or appearance, detecting differences in shape, size, weight and color. The smart algorithm combines the two technologies for optimal parts-identification results in milliseconds.

User-Friendly HMI Boosts Processes

Eliminate sources of operator error with guided working steps. The intuitive touchscreen combines image cues with written text for easy viewing of each step. The colorWeight® mode supports operators with clear result indication and can subsequently speed-up processing times. The dynamic display uses different colors to indicate at a glance if counted material is below, within or above the target - requiring less concentration, and providing better overall performance.

Bench Scales
Reliable weighing with bench scales for a wide range of applications

Combi Bench Scale ICS466xd-A3

Be compact in hazardous areas.The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity
6 lb (3 kg)

Readability
0.00001 lb (0.005 g)

Readability (Certified)
0.0002 lb (0.1 g)

Platform Size (LxWxH)
14 in x 11 in x 5.3 in (345 mm x 275 mm x 135 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS466xd-A6

Be compact in hazardous areas.The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity
12 lb (6 kg)

Readability
0.00002 lb (0.01 g)

Readability (Certified)
0.0005 lb (0.2 g)

Platform Size (LxWxH)
14 in x 11 in x 5.3 in (345 mm x 275 mm x 135 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS466xd-AB15

Be compact in hazardous areas.The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity 30 lb (15 kg)	**Readability** 0.00005 lb (0.02 g)
Readability (Certified) 0.001 lb (0.5 g)	**Platform Size (LxWxH)** 14 in x 11 in x 5.2 in (350 mm x 280 mm x 132 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS466xd-AB30

Be compact in hazardous areas.The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity 60 lb (30 kg)	**Readability** 0.0001 lb (0.05 g)
Readability (Certified) 0.002 lb (1 g)	**Platform Size (LxWxH)** 14 in x 11 in x 5.2 in (350 mm x 280 mm x 132 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS466xd-AB60

Be compact in hazardous areas.The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity 120 lb (60 kg)	**Readability** 0.0002 lb (0.1 g)
Readability (Certified) 0.005 lb (2 g)	**Platform Size (LxWxH)** 14 in x 11 in x 5.2 in (350 mm x 280 mm x 132 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS426xd-A3

Be compact in hazardous areas. The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity
6 lb (3 kg)

Readability
0.00001 lb (0.005 g)

Readability (Certified)
0.0002 lb (0.1 g)

Platform Size (LxWxH)
14 in x 11 in x 5.3 in (345 mm x 275 mm x 135 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS426xd-A6

Be compact in hazardous areas. The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity
12 lb (6 kg)

Readability
0.00002 lb (0.01 g)

Readability (Certified)
0.0005 lb (0.2 g)

Platform Size (LxWxH)
14 in x 11 in x 5.3 in (345 mm x 275 mm x 135 mm)

Legal for Trade
NTEP; OIML

Combi Bench Scale ICS426xd-AB15

Be compact in hazardous areas. The ICS4_6x-Series combi bench scales for Category 2 / DIV1 are the perfect choice for manual weighing processes that require the highest precision.

Maximum Capacity
30 lb (15 kg)

Readability
0.00005 lb (0.02 g)

Readability (Certified)
0.001 lb (0.5 g)

Platform Size (LxWxH)
14 in x 11 in x 5.2 in (350 mm x 280 mm x 132 mm)

Legal for Trade
NTEP; OIML

For more Bench scale options, contact Chess Controls at 705 682 2828

Platform Scale

Weighing platforms increase production efficiency and ensure product quality

High-Precision Weighing Platforms

Bench platforms for high-precision weighing applications ensure accurate measurements in any industrial environment. When tolerances are tight these platforms deliver the precision you need.

- **Consistent measurement accuracy for high precision weighing applications**

Weighing Platforms for Wet & Harsh Environments

Hygienically designed bench platforms enable effective and efficient cleaning and minimize cross-contamination.

- **Designed for a long lifetime in sanitary environments and built to withstand heavy wash-down procedures**

Weighing Platforms for Dry & Dusty Environments

Bench platforms are made of mild steel for accurate and efficient performance in non-corrosive and dusty environments.

- **Designed for a variety of weighing tasks in standard industrial applications when precision counts.**

Basic Scale ICS226

Mobile scale for basic checkweighing

- ⭐ **Clear visibility of Results**
  Highly visible LCD display for great readability

- ⭐ **Durable Construction**
  Rugged stainless steel design with IP 66/67 ingress protection

- ⭐ **Mobile Operation**
  Operates on standard batteries for mobile use

Basic Scale ICS241

Affordable compact scales for basic counting and checkweighing applications.

- ⭐ **LCD Display**
  Three display styles for your convenience

- ⭐ **Basic Connectivity**
  Connects one external device, such as scanner or printer

- ⭐ **Article Database**
  SD card for fast access to articles and weighing data

- ⭐ **Mobile Operation**
  Operates on standard batteries for mobile use

Basic Scale BBA231

Affordable scale for basic counting and checkweiging applications

- ⭐ **Large Display**
  Excellent readability with 60mm display

- ⭐ **Basic Connectivity**
  Connects one external device, such as scanner or printer

- ⭐ **Mobile Operation**
  Operates on standard batteries for mobile use up to 80 hours

Basic Scale BBA236

A cost-effective stainless-steel bench scale for basic checkweighing.

- ⭐ **Large Display**
  Excellent readability with 60mm-high display

- ⭐ **Easy Cleaning**
  Designed with the latest hygienic guidelines in mind

- ⭐ **Basic Connectivity**
  Connects one external device, such as scanner or printer

- ⭐ **Mobile Operation**
  Operates on standard batteries for mobile use up to 80 hours

Counting Scales

Enhanced speed and accuracy with piece counting scales

Premium Scale ICS685

Rugged counting scale for sophisticated applications with various connectivity options and data-management capabilities.

⭐ **Large TFT Color Display**
Advanced colorWeight® functionality with bargraph view for high throughput

⭐ **Advanced Functions**
Advanced counting with totalizing to target, error-free Pick&Pack with SpeedWeigh

⭐ **User Management**
Define operator access with limited functions

⭐ **Powerful Database**
Scale stores up to 5,000 articles and 300,000 weighing records

⭐ **Flexible Connectivity**
Connects up to four scales or external devices, such as scanners or printers

⭐ **Mobile Operation**
Optional with WLAN interface and long-lasting battery packs

Advanced Scale ICS465

Rugged counting scale for advanced applications facilitates easy data entry via numerical keypad.

⭐ **Graphic LCD Display**
Features colorWeight® indicator for color-coded counting results

⭐ **Internal Database**
Stores up to 100 articles and 300,000 weighing records

⭐ **Connectivity**
Connects up to two scales or external devices, such as scanners or printers

⭐ **Mobile Operation**
Optional with WLAN interface and long- lasting battery packs

Advanced Scale ICS445

Rugged counting scale for advanced applications with softkeys for fast, simplified use.

⭐ **LCD Display**
Includes large-font feature for easy reading

⭐ **Internal Database**
Stores up to 100 articles and 300,000 weighing records

⭐ **Connectivity**
Connects up to two scales or external devices, such as scanners or printers

⭐ **Mobile Operation**
Optional with WLAN interface and long- lasting battery packs

Basic Scale ICS241

Affordable compact scales for basic counting and checkweighing applications.

⭐ **LCD Display**
Three display styles for your convenience

⭐ **Basic Connectivity**
Connects one external device, such as scanner or printer

⭐ **Article Database**
SD card for fast access to articles and weighing data

⭐ **Mobile Operation**
Operates on standard batteries for mobile use

Checkweigher Scales
Superior Design and Features for High Performance Over / Under Checkweighing

Premium Scale ICS689

The ICS689 bench scale is a rugged stainless-steel scale for sophisticated checkweighing and portioning applications in wet and harsh environments. The terminal and platform are best suited for wet, h...

⭐ **Large TFT Color Display**
Advanced colorWeight® functionality for high throughput

⭐ **Hygienic Design**
EHEDG- and NSF-approved design

⭐ **User Management**
Define operator access and restrictions

⭐ **Powerful Database**
Scale stores up to 5,000 articles and 300,000 weighing records

⭐ **Flexible Connectivity**
Connects up to four scales or external devices, such as scanners or printers

⭐ **Mobile Operation**
Optional with WLAN interface and long-lasting battery packs

Advanced Scale ICS449/469

Rugged stainless-steel scale for advanced checkweighing applications that require easy data entry via numerical keypad.

⭐ **Graphic LCD display**
Including colorWeight® for fast checkweighing results

⭐ **Easy Cleaning**
Designed after the latest hygienic guidelines

⭐ **Internal Database**
Stores up to 100 articles and 300,000 weighing records

⭐ **Connectivity**
Connects up to two scales or external devices, such as scanners or printers

Basic Scale ICS226

Mobile scale for basic checkweighing

⭐ **Clear visibility of Results**
Highly visible LCD display for great readability

⭐ **Durable Construction**
Rugged stainless steel design with IP 66/67 ingress protection

⭐ **Mobile Operation**
Operates on standard batteries for mobile use

SmartShelf Weighing Pad
Weighing pads for remote inventory and replenishment solutions

Real-Time Inventory Management

Never Run Out
Make your shelf talk! With the direct integration of A/D converters close to the weighing point, you get stable and easy-to-use digital communication of stock levels. This digital integration can ensure you never run out for smoother processing and happier operators or customers.

Check Stock Remotely
Weighing sensors can be digitally integrated into SmartShelf pads. This digital communication allows you to check the weight of any bin anywhere you have an internet connection. When you set inventory levels, they can be automatically replenished, keeping operations stable and reducing or eliminating wait-time for parts and components.

Track Your Valuables

Weighing is very useful for tracking all types of MRO or PPE materials that cannot be dispensed or controlled in traditional ways. Vending machines offer full accountability, saving valuable assets from excessive use.

Pick and Pack Accurately

Weighing sensors can be used to determine the extraction of different parts required for a kit to ensure that the kit contains correct parts and quantities, helping to create an error-free process. Kits will always be complete and ready for the operator or end user.

Weight-Based Inventory Control
Creates Leaner Operations

Weighing sensors are the perfect tool to remotely monitor inventory levels. They can be integrated into shelves, racks, industrial vending machines or jobsite containers. All weighing electronics have digital connectivity for easy integration into existing networks. This remote computer access allows you to check stock and analyze usage trends for easy supply-chain optimization anywhere, anytime. Combined with appropriate access-control, such systems can also be used for direct accountability when items or tools are checked out to ensure tracking and safe return.

SmartShelf: Weighing Pads

Weighing pads can be used to retrofit scales into existing shelf systems where not every bin requires a scale, or to build individual scales for integration into shelf systems or machines. They consist of the load cell and a mounting assembly to simplify integration and protect the load cell.

These weighing pads are available in load cell capacities of 2, 8 and 25 kilograms as well as 5, 25 and 50 pounds. All pads come standard with a one-meter cable. An optional three-meter cable is also available. Overload protection is included to prevent load-cell damage.

Contact Chess Controls for more details at 705 682 2828