MAXIMUM AG

TECHNOLOGIES

TABLE OF CONTENTS

GENERAL

Actuators	4
Polymer water meter	5
Brass water meter	6
Feed weigher	7
Backup thermostat	8
Auto bin valve	9
Bin scale	10
M-LIFT	11
Static pressure sensor	12
CO^2 sensor	13
Relative humidity sensor	14
Ammonia sensor (NH3)	15
Water pressure sensor	16

POULTRY

Bird scale	18
Perch scale	19
Turkey scale	20
Egg counter	21
LED feed sensor	22

DAIRY

Weather station	24

MAXIMUM AG

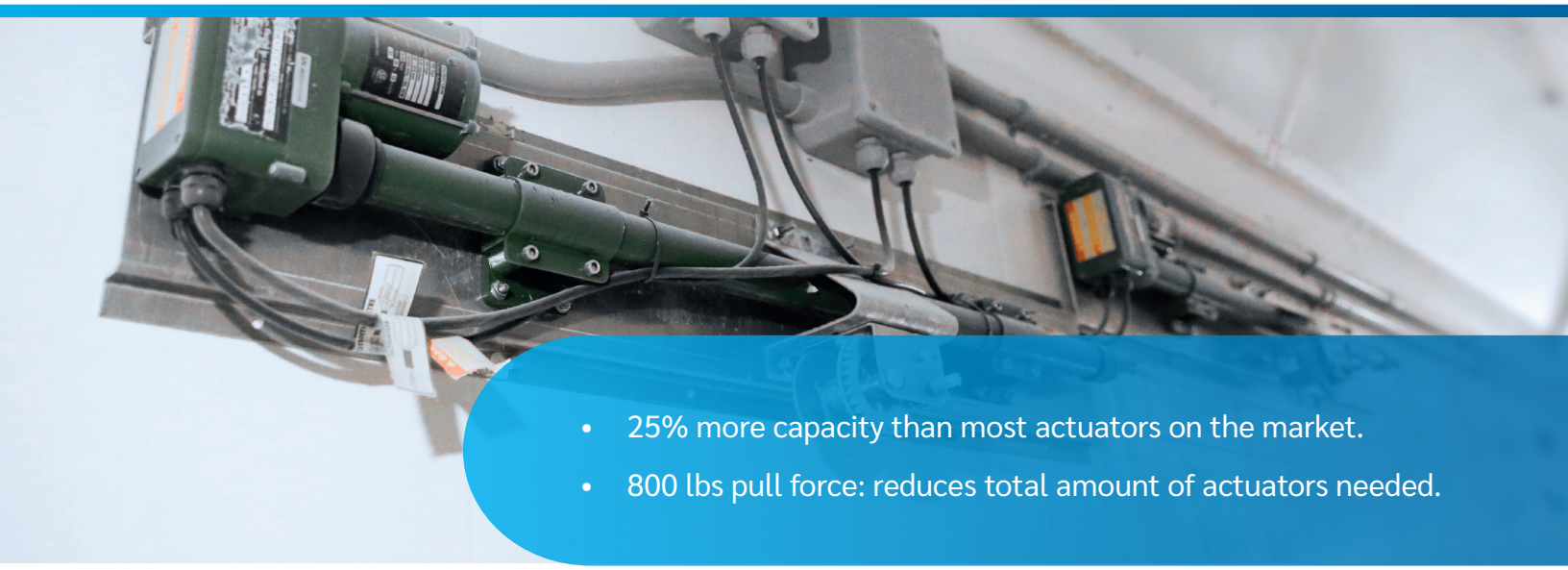
TECHNOLOGIES

GENERAL

ACTUATORS

Actuator (120V ou 36V AC)
(Product code: 100-00001_100-00005)

Designed especially for the agricultural industry, **Zaxe actuators** are quiet and reliable.
The mounting support is simple to install and the potentiometer is designed for ease of service.



- 25% more capacity than most actuators on the market.
- 800 lbs pull force: reduces total amount of actuators needed.

- **Available in 24'', 36'' and 48'' for 120V AC**
- **Available in 24'' for 36V AC**
- **1 year warranty**
- **Replacement potentiometer available**
- **Adjustable support**
- **Load up to 350 kg (800 lb)**
- **Reliable**
- **Quiet**

POLYMER WATER METER

(Product code: 102-00004_102-00005)

Polymer is used only with **POTABLE COLD WATER** up to **120 ˚F (50 ˚C)** and working pressures up to **150 psi.**

The meter will register between **98.5%** and **101.5%** at normal and high flows and between **97%** and **101%** at the **AWWA** specified low flow.

Accuracy tests are made before shipment,
so no adjustments are necessary before installation.

- Adapts easily to different installations.
- Detects water damage when linked to an intelligent controller.
- Detects anomalies and disease in a herd.
- Allows for more precision at low consumption.

Can be installed horizontally and vertically

No ajustements necessary before installation

Back flow valve

Register data even at low consumption

BRASS WATER METER

(Product code: 102-00001)

The meter will register between **98.5%** and **101.5%** at normal and high flows and between **97%** and **101%** at the **AWWA** specified low flow.

Accuracy tests are made before shipment, so no adjustments are necessary before installation.

- Detects water damage when linked to an intelligent controller.
- Detects anomalies and disease in a herd.
- Allows for more precision at low consumption.

Installed horizontally

No ajustements necessary before installation

Register data even at low consumption

FEED WEIGHER

(Product code: 310-00007)

It's all about accuracy with feed scales.
The Zaxe Feed Weighing System is designed for accurate continual or batch weighing.

When you need an accurate amount of feed delivered, think **Zaxe feed weighin**g. Our system is designed for maximum batch sizes of **180 Kg (400 lbs)** at a time. It can be used in continual or batch feeding modes.

- Maintains genetic standards for optimal production.
- Reduces feed loss.
- Highest total capacity in the industry.
- Its hight accuracy reduces the risks of errors.

- **Very accurate**
- **Actuator made of stainless steel**
- **Plastic cover**
- **Aluminium structure**
- **Warranty 3 years**

BACKUP THERMOSTAT

(Product code: 103-00001)

This Mechanical Thermostat SP-DT in ABS enclosure is for fan or heater control.

It can be used to operate fans or heaters on livestock buildings or any other electrical device needing manual control.

It is water and dust resistant *(high impact plastic housing)* and fire resistant for trouble free operation.

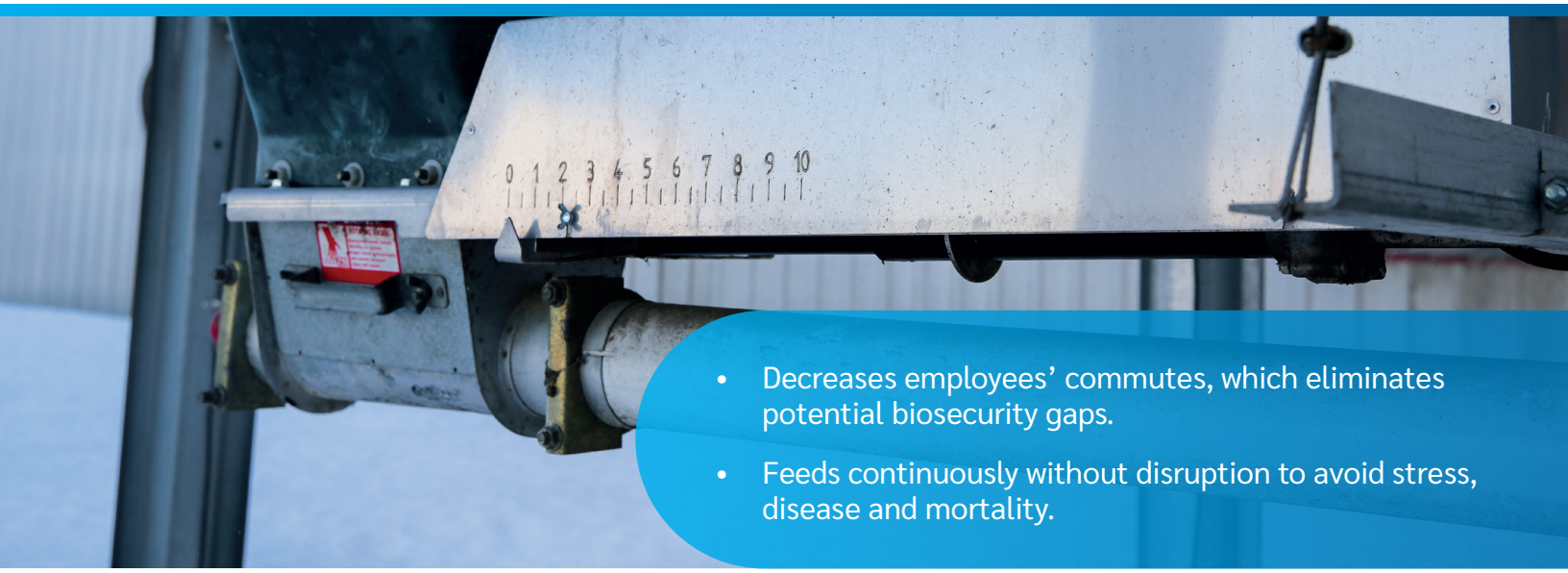
- Peace of mind if a problem occurs with the controller.
- Eliminates bird loss due to controller failure.

- **CSA certified**
- **Operating temperature range of 32 to 104°F**
- **1 year warranty**

AUTO BIN VALVE

(Product code: 300-00001)

Built for tandem bin arrangements, **the Zaxe Auto Bin Valve,** in conjunction with compatible control, will eliminate the need to manually switch bins over when low feed limits are reached.

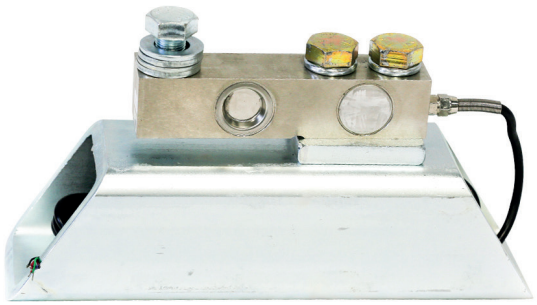


- Decreases employees' commutes, which eliminates potential biosecurity gaps.
- Feeds continuously without disruption to avoid stress, disease and mortality.

- **Allows to change bins automatically**
- **Made of stainless steel**
- **Adapts to most bins**
- **Visual identifier**
- **Compatible with most systems**

BIN SCALE

(Product code: 310-00003)



When looking for accuracy at a competitive price, choose **the Zaxe Bin Scale**. **Zaxe** uses a high precision load cell for accurate measurements.
With fixed brackets, it's mostly used on new installations.

- Better monitoring of production performance.
- Lets you know when the bin is about to be empty.
- Allows to coordinate delivery of feed (with intelligent controller).
- Keeps track of feed curve: assures the animals get their feed allowance.
- Detects anomalies and diseases.

- Precise
- Durable
- Capacity of 5000kg and of 10 000kg
- Raised support
- Clears the ground to avoid being influenced by ice

M-LIFT

(Product code: 310-00002)

The M-LIFT Bin Scale is the most accurate and easy to install bin scale on the market. On existing sites, with its built-in height adjustment, there's no need to remove the lower boot and shorten the flex auger. Simply bolt to the bin leg and set height.

Great for servicing as well!

- Better monitoring of production performance.
- Lets you know when the bin is about to be empty.
- Allows to coordinate delivery of feed (with intelligent controller).
- Keeps track of feed curve: assures the animals get their feed allowance.
- Detects anomalies and diseases.

- **Easy to install on existing bins**
- **Very robust**
- **Capacity of 5 000kg and of 10 000kg**
- **Raised support**
- **Clearing the ground to avoid being influenced by ice**

STATIC PRESSURE SENSOR

(Code produit : 105-00005)

The Zaxe Dwyer Static pressure sensor is an extremely versatile transmitter for monitoring pressure.

Along with these features, the patented magnetic sensing technology provides exceptional long term performance and enables the *Magnesense* ® Differential Pressure Transmitter to be the single solution for your pressure and flow applications.

- **Extremely versatile transmitter**
- **Long term performance**
- **Range from 0.00 to 0.40**
- **1 year warranty**

CO^2 SENSOR

(Product code: 105-00009)

The Zaxe CO^2 Sensor ensures good air quality in farm buildings.

Air quality is an important parameter for optimal production conditions in farm buildings. **The CO^2,** content of air is normally used as an indicator of air quality. Most manuals and textbooks recommend a maximum level of about **4000 ppm.**

Advanced climate controls are able to control minimum ventilation on the basis of the currently measured CO^2 level.

- **Highly accurate**
- **Ensures optimal production conditions**
- **Easy to install**
- **1 year warranty**

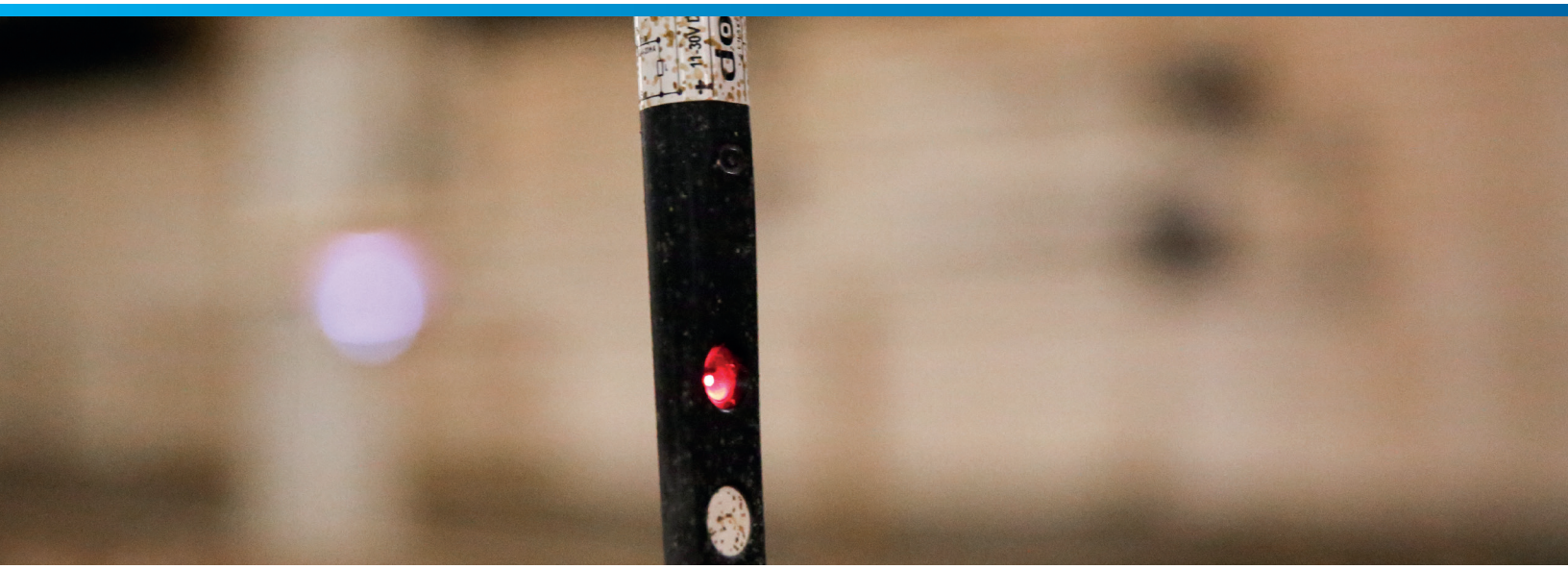
RELATIVE HUMIDITY SENSOR

(Product code: 105-00001)

The Zaxe Humidity Sensor gets high-precision for measuring relative humidity. Designed with **4-20 mA** outputs with very low output resistance and full protection against short circuits and wiring failures.

The special sensor element and the built-in filter enable application in livestock houses with constantly high humidity. The sensor comes with the required cable for easy installation.

The sensor is microprocessor-controlled and has a twocolour light emitting diode (LED) to communicate the operation status and the error diagnostic.



- High precision
- 4-20ma signal
- Easy to install
- 1 year warranty

AMMONIA SENSOR (NH3)

(Product code: 105-00023)

The Zaxe Ammonia Sensors have been specially designed for continuous measurement of ammonia **(NH3)** concentration in livestock houses providing accurate measurements of ammonia at low and high concentrations, without requiring any calibration.

Morever it can be mounted inside the livestock house, without any need for tubes or pumps.

Thanks to **the Zaxe Ammonia Sensor,** farmers are now able to counter the highly negative effects of high ammonia concentration by monitoring it continuously and take corrective actions if ammonia levels are increasing.

- **Highly accurate NH3 measurement**
- **Solid material for long life product**
- **Easy to install, no calibration is required**
- **1 year warranty**

WATER PRESSURE SENSOR

(Product code: 105-00014)

Do your animals have water today?
With the Zaxe water pressure transmitter you will know for sure.

The **Series 628-10CR** Pressure Transmitter, contains a low ceramic sensor enclosed in a compact, rugged, **NEMA 4X (IP65)** stainless steel body.

Ideal for the budget conscious **OEMs** that require high levels of performance, reliability and stability at an unbeatable price.

The **628-10CR** enclosure is small and lightweight for optimum compatibility with **OEM** systems.

- **Highly accurate**
- **High performance, reliability and stability**
- **Pressure range of 0 to 100 psi**
- **1 year warranty**

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TECHNOLOGIES

POULTRY

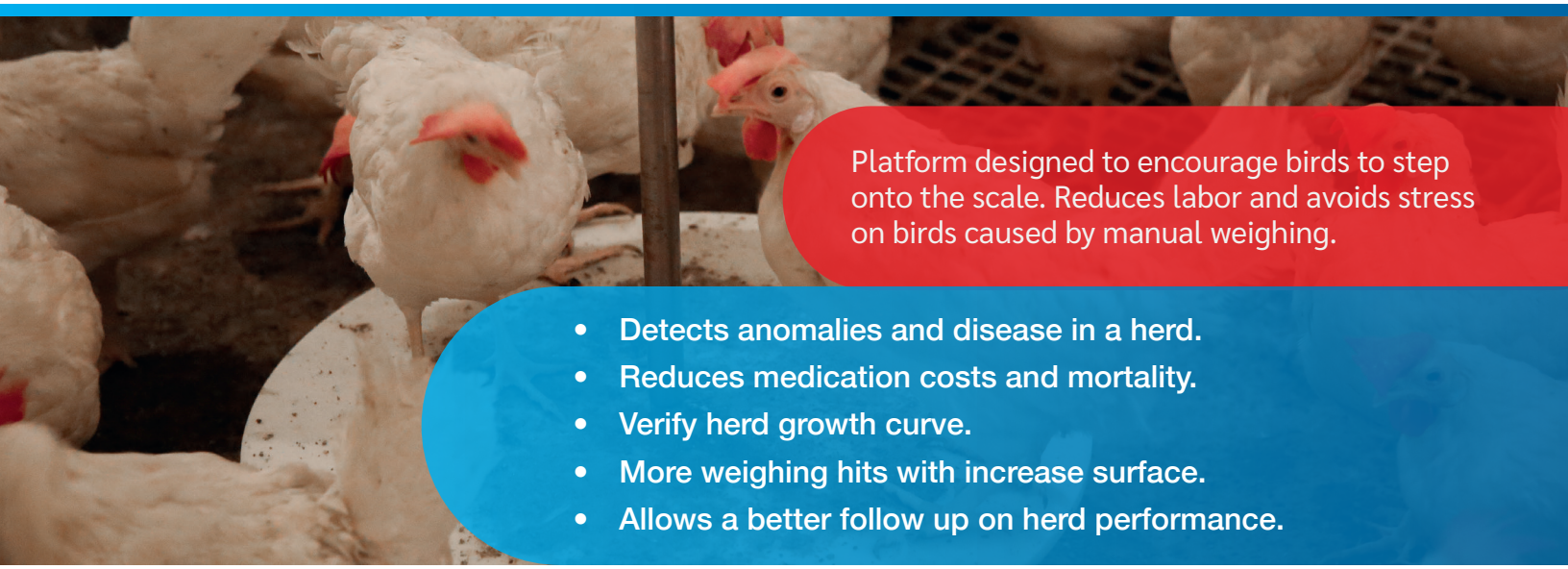
BIRD SCALE

(Product code: 310-00001)

The Zaxe Bird Scale is designed with a 26-inch diameter plate to maximize the number of weighings. Thanks to its telescopic rod you get easy and precise adjustment.

Easy to install, all the installation materials (chain and hook) are included.

Available in Plastic or Stainless Steel platform.
Stainless steel platform 26" of diameter.
23" PVC platform also available.



Platform designed to encourage birds to step onto the scale. Reduces labor and avoids stress on birds caused by manual weighing.

- Detects anomalies and disease in a herd.
- Reduces medication costs and mortality.
- Verify herd growth curve.
- More weighing hits with increase surface.
- Allows a better follow up on herd performance.

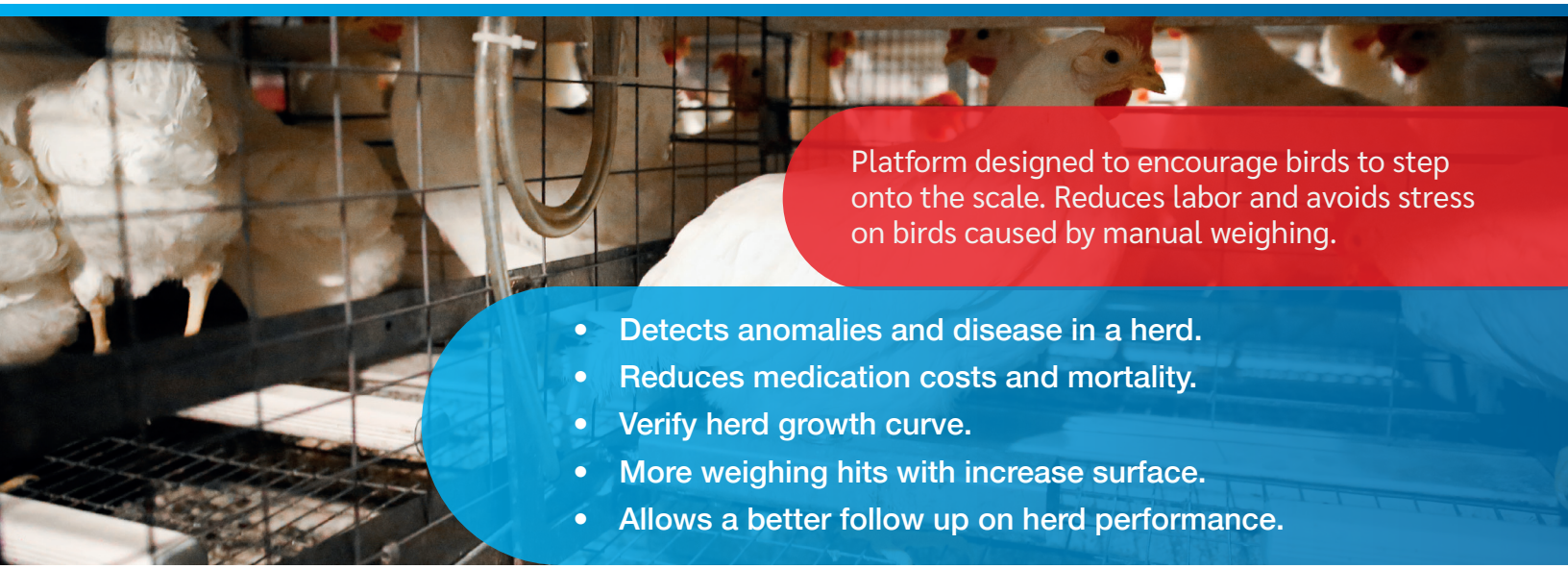
- Adjustable telescopic rod
- Adjustments without tools
- Completely made of stainless steel
- Robust tray
- Easy to remove during cleaning
- Easily adapts to most systems
- Used in breeding as well as in broilers

PERCH SCALE

(Product code: 310-00004)

Weighing by hand is a thing of the past with the Zaxe perch scale !

The **Zaxe** perch scale is used in commercial layers (enriched or standards cage systems) and pullets. It's designed with high-grade stainless steel to endure harsh environments and features exceptional accuracy with a high-quality load cell.



Platform designed to encourage birds to step onto the scale. Reduces labor and avoids stress on birds caused by manual weighing.

- Detects anomalies and disease in a herd.
- Reduces medication costs and mortality.
- Verify herd growth curve.
- More weighing hits with increase surface.
- Allows a better follow up on herd performance.

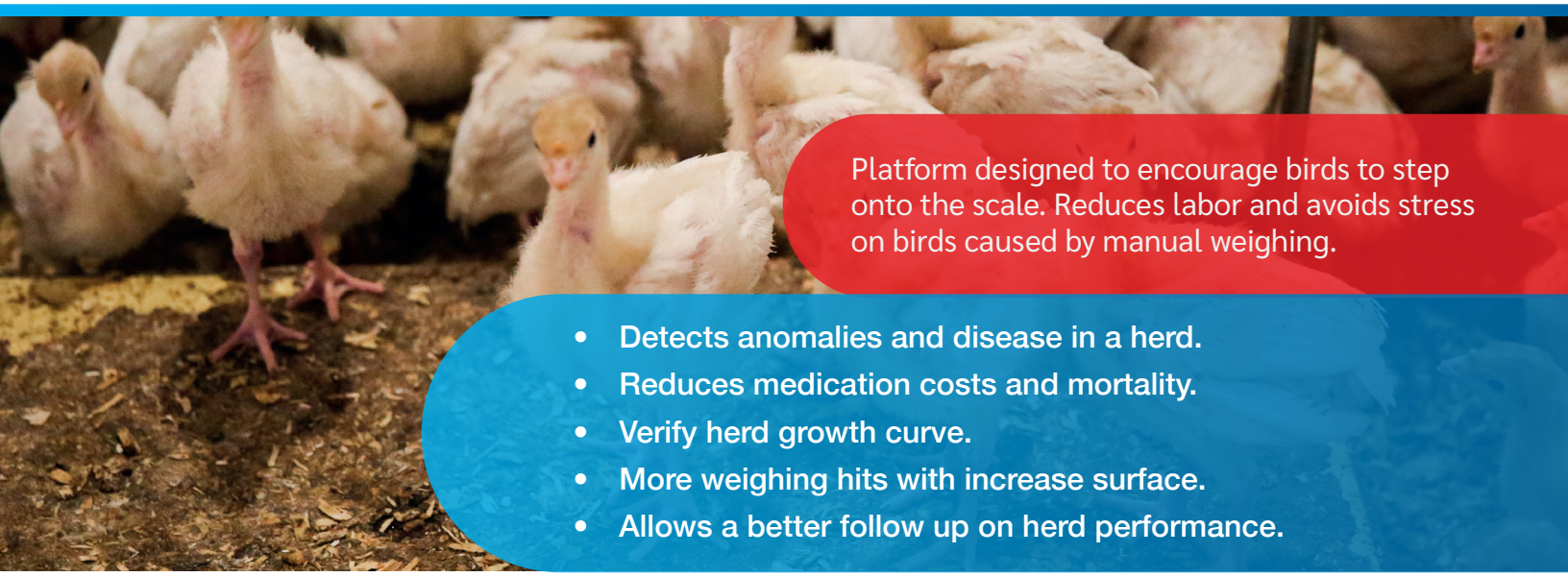
- **100% stainless steel**
- **Compatible with most systems**
- **50 Kg (100 lbs) maximum weight capacity**
- **For commercial laying hens**
- **Mounts very easily in all types of cage systems**

TURKEY SCALE

(Product code: 310-00012)

The Zaxe Turkey Platform is designed with an embossed aluminium square plate *(32" squared platform in non-slippery checkered steel)* designed to maximize the number of weighings.

Hardware included.



Platform designed to encourage birds to step onto the scale. Reduces labor and avoids stress on birds caused by manual weighing.

- Detects anomalies and disease in a herd.
- Reduces medication costs and mortality.
- Verify herd growth curve.
- More weighing hits with increase surface.
- Allows a better follow up on herd performance.

Robust tray

Easy to remove during cleaning

EGG COUNTER

(Product code: 103-00007)

The N Series is uniquely for precision, making it the most accurate egg counting device on the market today. The unit is designed to be installed on egg belts and conveyors **up to 100 cm wide.**
The N series is easily connected to any compatible controller to display and log all eggs counted.

- Used for egg flow management.
- Reduces overall egg collection time.
- Keeps tracks of daily egg production.
- Most precise egg counter on the market.

- **Highly accurate**
- **Easy to install with supplied mounting brackets**
- **Up to one meter of width**
- **Available in: 8-12-20-40 inches**
- **12V power supply**

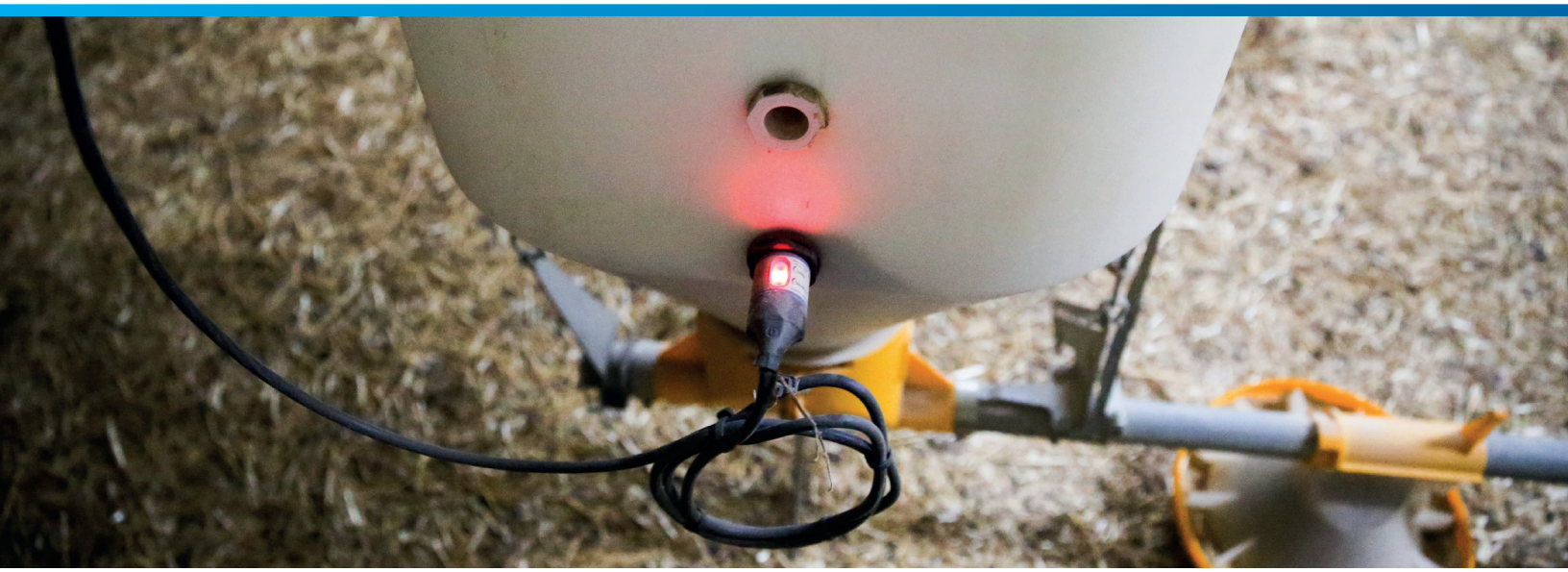
LED FEED SENSOR

(Product code: 105-00025)

The Zaxe LED Feed Sensor is a unique sensor that combines a **30 mm** feed sensor with an integrated **LED** light.

This product is intended for feed pans in poultry production, where the light will ensure that the pan with the sensor gets attention from the birds, which again ensures a stable feed supply.

Compared to discrete light solutions, **The Zaxe LED Feed Sensor** is very easy to install and can also be used for upgrading existing feed systems with an integrated light solution.



- **LED pan illumination**
- **30 mm feed sensor**
- **Easy to install**
- **1 year warranty**

MAXIMUM AG

TECHNOLOGIES

DAIRY

WEATHER STATION

(Product code: 105-00011)

If either wind speed or direction is unfavourable for the current ventilation in the barn, **the Zaxe Weather Station** will adjust panel opening to compensate for the wind. This maintains desired barn conditions. Our unique bearing design permits very rapid response to gusts and lulls.

- Optimizes production by ensuring that the temperature and ventilation are adequate.
- Increases animal welfare.
- Better ventilation control.
- Allows to react quickly according to weather conditions.

- **Stainless steel support**
- **Adjustable for different types of installations**
- **Available with rain sensor**
- **Response at 2.2 mph**
- **1 year warranty**

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