

# Manual

## AGRETO Platform Scale

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# 1 Introduction

Thank you for choosing an AGRETO platform scale. You have acquired rugged weighing technology for everyday practice.

Please read this manual carefully before you start working with the weighing equipment.

In this manual, as usual "weight" is used in common parlance, the term for the mass.

## 2 Scope of delivery

The delivery of an AGRETO platform scales include:

- 1 Weighing platform with built-in weighing technology
- 6 m Connecting cable from the platform to the weighing indicator
- 1 Junction box (on side cover accessible)
- 1 Manual

## 3 Intended use

The AGRETO weighing platform is used for the most diverse applications as pallet scale, floor scale, big bag scales, container weighing, animal scale, etc.

The AGRETO Platform Scale isn't officially calibratable and therefore not authorized to determine weights for legal transactions. The scale is used as a checkweigher for internal use.

# 4 Security

## 4.1 Safety Instructions for the buyer



**IMPORTANT!**

Make sure that each person who works for the first time with the product, has read and understood this manual.

## 4.2 Safety instructions for the operator



**DANGER!**

Die AGRETO platform scale may only be operated by persons who are familiar with the operation of the device.



**PRECAUTION!**

Keep the work area clean! Soiled areas contributes to accidents.



**PRECAUTION!**

Note the crushing for the establishment and handling with a weighing platform.



**PRECAUTION!**

Note the risk of injury from stumbling and inattention while the assembly, disassembly, and adjustment operations.



**PRECAUTION!**

Repairs and other technical interventions on the device may only be performed by qualified personnel. There is a danger of electric shock.

## AGRETO Platform Scale

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For persons who are engaged in the assembly, dismantling or adjustments, the wearing of safety shoes are required.



For persons who are engaged in the assembly, dismantling or adjustments, the wearing of protective gloves is mandatory.

### 4.3 Residual Hazards

Working with the device residual risks may arise for persons and objects that cannot be prevented by design or technical protection measures.



WARNING!

The AGRETO platform scale must not be operated in explosive areas.

## 5 Technical Details

Platform size:	1x1,2 m/ 1,2x1,5m/1,2x2m (depending on Version)
Height:	100 to 120 mm
Standard load load cell:	1t/1,5t per load cell (depending on version)
Secure overload/breaking load:	150 %/ 300%
Load cell voltage:	2 mV/V
Working temperature:	-35 bis +70 °C
Power supply:	5 to 15 Volt DC
Cable length:	6m
Accuracy:	+ / - 0,02 %

## 6 Setting up the platform

The platform must be positioned as horizontally as possible. Make sure that the platform is free without touching a wall or any other stop.

The platform must stand firmly on the ground with all four feet. If necessary, the feet can be adjusted in height.

In delivery state, the four feet may not be mounted due to risk of loss but are packed in the carton of the display. In this case, screw one foot in each corner of the platform about 3 cm deep into the thread of the loadcell and use the lock nut to secure.

## 7 Connection of the indicator

The cable to the weighing indicator is located behind a small cover on the side of the platform. Open this cover, take out the cable and, when closing the cover, ensure that the cable is inserted in the notch of the cover.

Mount the weighing display at a suitable location and connect the cable to the display. The operation of the display can be read in the manual of the display.

## 8 Troubleshooting

To determine whether the scale weighs properly, you should load the center and then sequentially each corner of the weighing platform with about 100 kg.

If there are deviations greater than 1 kg the reasons can be following:

- One or more weighing feet are not firmly on the ground, possibly tipping the scales even. -> Adjust with the leveling feet the height of the scale.
- One or more weighing feet are not on a horizontal and solid ground. -> Change the location of the balance, or you may put steel plates under the feet.
- The balance structure is somewhere on the side in contact with a wall or another object. -> Place the scale so that no part of the scale construction is somewhere in contact with another object.
- The scale construction is somewhere in contact to the ground, possibly due to contamination. -> Make sure that the entire scale construction stands up exclusively with the weighing feet on the ground.
- In the plug connection is moisture. -> Dry it carefully with a hair dryer.
- All the points listed above are excluded, then one or more cables/loadcells are defective. -> Please contact the manufacturer or dealer.

## 9 Warranty

Over and above statutory warranty following warranty provisions apply:

- The AGRETO electronics GmbH guarantees the function and repairs or replaces all the parts that have a material or manufacturing damage within the warranty period.
- Warranty services will be performed by the AGRETO electronics GmbH.
- The decision on the existence of a warranty claim is sole responsibility of the AGRETO electronics GmbH.
- The warranty period begins with the first accounting to an end customer and ends 5 years from this date of invoice.
- Prerequisite for warranty service are the presentation of the original invoice and compliance with all elements of this instruction manual.
- Excluded from warranty are wear, normal wear and tear, damage due to misuse, negligence or accident.
- When processing a warranty claim transport costs incurred will be charged to the buyer

## 10 Disposal



Dispose the product in the definitive shutdown or parts of environmentally friendly (metal to the respective metal scrap, plastic to plastic waste, etc. - Do not dispose as household waste!)

Detailed information can be found in Directive 2002/96/EC

## 11 Imprint

All information, specifications and illustrations are as of 2017, subject to technical changes or design changes.

All information in this manual is supplied without liability despite careful preparation. A liability is excluded by the author.

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