


# ADE

**Operating Manual**  
**Ultrasound Height Measuring Unit MZ10020**



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## Installation and use of height measuring unit

Your ADE Ultrasonic Height Measuring Unit is a quality product.  
In order to achieve best possible results please carefully read and respect the following instructions:

### **Check carton contents:**

Height Measuring Unit fully mounted and folded

### **Power Supply:**

1 alkaline 9V block battery

For setting up place 9V block battery in the battery compartment located at the rear of the display unit.  
Make sure battery compartment is safely closed after setting up.

### **Measuring:**

- Press **ON** key. An automatic function test is done before the display indicates '0.00' (zero).
- Place the person to measure on a smooth level surface in upright position and straight head.
- Place the height measuring unit gently on the head of the person and keep it in horizontal position.
- Make sure the spirit level shows the air bubble completely centred.
- The ultrasonic sensor is measuring from the head to the floor. So make sure
- there is no object interrupting the measuring line.
- Press **ON** key again if necessary.
- Hold measuring unit completely still and listen to the signal sound confirming that measuring has been completed.
- Read the result on the display. The measured value is displayed and hold for approx. 30 seconds.
- To continue measuring, reset the unit to the new measuring position and press **ON** key.

### **Attention:**

The use of the equipment on carpets may falsify the measuring result or makes measuring impossible.

The height measuring unit is equipped with an automatic shut off after approx. 30 seconds.

### **Select measuring unit:**

Measurements can be taken in cm or inch units.

To change unit there is a selecting switch on the outer side of the equipment.

### **Warning signals:**

- Upper part of display shows `----` means measuring range has been exceeded
- Lower part of display shows `----` means result below measuring range
- Display shows `bAt` means **Replace Battery**. Disposal of used batteries as special waste.

## Cleaning and Maintenance

### **Cleaning**

For cleaning just use a damp cloth or common disinfection fluids.  
Do not use any aggressive cleaning fluids.  
Make sure no water or cleaning fluids are penetrating the equipment.

### **Storage and Transport**

Please keep all original parts and pieces for an eventual sending back of the scale in order to avoid any possible damage during transport which automatically leads to no warranty.

### **Warranty – Liability**

ADE will repair or replace this product within a period of 2 years from date of delivery applying to defects occurred due to poor material or workmanship (presentation of invoice is necessary). All moveable parts – batteries, cables, mains units, rechargeable batteries etc. – are excluded. Warranty does not include natural wear, damages caused by incorrect or negligent handling, overuse or unsuitable or improper storage. The cost of transport will be borne by the customer should the equipment be located anywhere other than the customer's premises. In the event of transport damage, claims under warranty can be accepted subject to using the complete original packaging and the equipment secured the way it was packed and secured originally. All the packaging should therefore be retained.

Any warranty claim will be rejected if the equipment is opened by persons not authorized expressly by ADE to do so.

Customers abroad are kindly requested to contact their local dealer for any warranty claim, customer service and spare parts.

### **Declaration of CE Conformity**

This product corresponds to the valid EC Directive 89/336/EEC for electromagnetic compatibility.



Products carrying this sign correspond to the standards of

- Directive 73/23 EEC(for low voltage)



ADE has been certified as per ISO 9001/2000 and fulfills the high standards for Research & Development, Manufacturing, Sales and Service requirements.

### Technical data

Measuring range: 500 – 2500 mm/ 20 – 98.50 inches

Dimensions (WxHxD) 500 x 340 x 35 mm

Weight: abt. 330 grams

Working Temperature: 15 – 30 degrees C

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