

## **Instruction Manual CRASH CHECK®**

**When buying a car makes sure you are not buying one with concealed accident or rust damage:**

**Simply check the paint thickness with the CRASH CHECK®! Those who have to repair damages caused by an accident or hide rust, have to apply thick layers of paint or body filler. The electronic-magnetic sensor in CRASH CHECK® quickly detects whether the coating on the sheet-steel body is thicker than it was in its original state. In this way you can effortlessly uncover suspicious sections, and will know what is worth buying.**

### **OPERATION**

- Grip the CRASH CHECK® between your thumb and middle finger with your index finger on the test button.
- Place the CRASH CHECK® on the surface of the body panel you want to check, and simply press the test button. The test probe is located on the underside of the unit.
- The test signal lights up green, yellow, or red - see test analysis.
- Repeat the test on the body panel anywhere you like.

### **TIPS**

- Check the typical crash spots like fenders and doors.
- You can circle suspicious spots and narrow down the test points.
- You can hold down the test button and do a series of rapid tests one after the other. However to protect the coating and the test probe do not push the CRASH CHECK® backwards and forwards, but lift it up and place it back down again each time.
- The surface of the underside of the casing consists of paint-friendly material and helps to avoid tilting of the CRASH CHECK® when placed on the body panel.

### **BATTERY CHANGE**

If the brightness of the light diodes dim noticeably, the batteries need to be replaced. Gently press the top lid of the casing into the side panels and lift. Replace the battery with a new 9V battery and ensure you have the correct (+) (-) polarity. Replace the lid. Make sure that you dispose of the used battery properly, i.e. it does not belong with the domestic waste.

### **TEST ANALYSIS**

- Green indicates: The paint is of normal thickness. No body filler has been applied.
- Yellow indicates: Paint significantly thicker than usual; possibly thin layer of body filler has been applied.
- Red indicates: WARNING! Severe irregularities in the auto body. Possibly the result of re-painting and/or the use of body filler. This car likely has accident repairs, hidden rust or other body damage.

### **N.B.**

When receiving consistent "red" detections, make sure you are testing a sheet-steel body panel. Testing over thickly-applied gravel guard, undercarriage protection, or on plastic or aluminum panels will also result in a "red" reading.

### **CAUTION**

- In doubtful cases we recommend the use of thickness measuring gauges. Please contact one of our sales offices or an expert for motor vehicles.
- To protect the electronic test probe on the underside of the CRASH CHECK® avoid heavy mechanical wear and tear.
- To protect the high quality electronics, do not expose the CRASH CHECK® to high heat, or lengthy exposure to sunlight or moisture.