WT-720 Basic Operation Manual

Worltech, Inc.

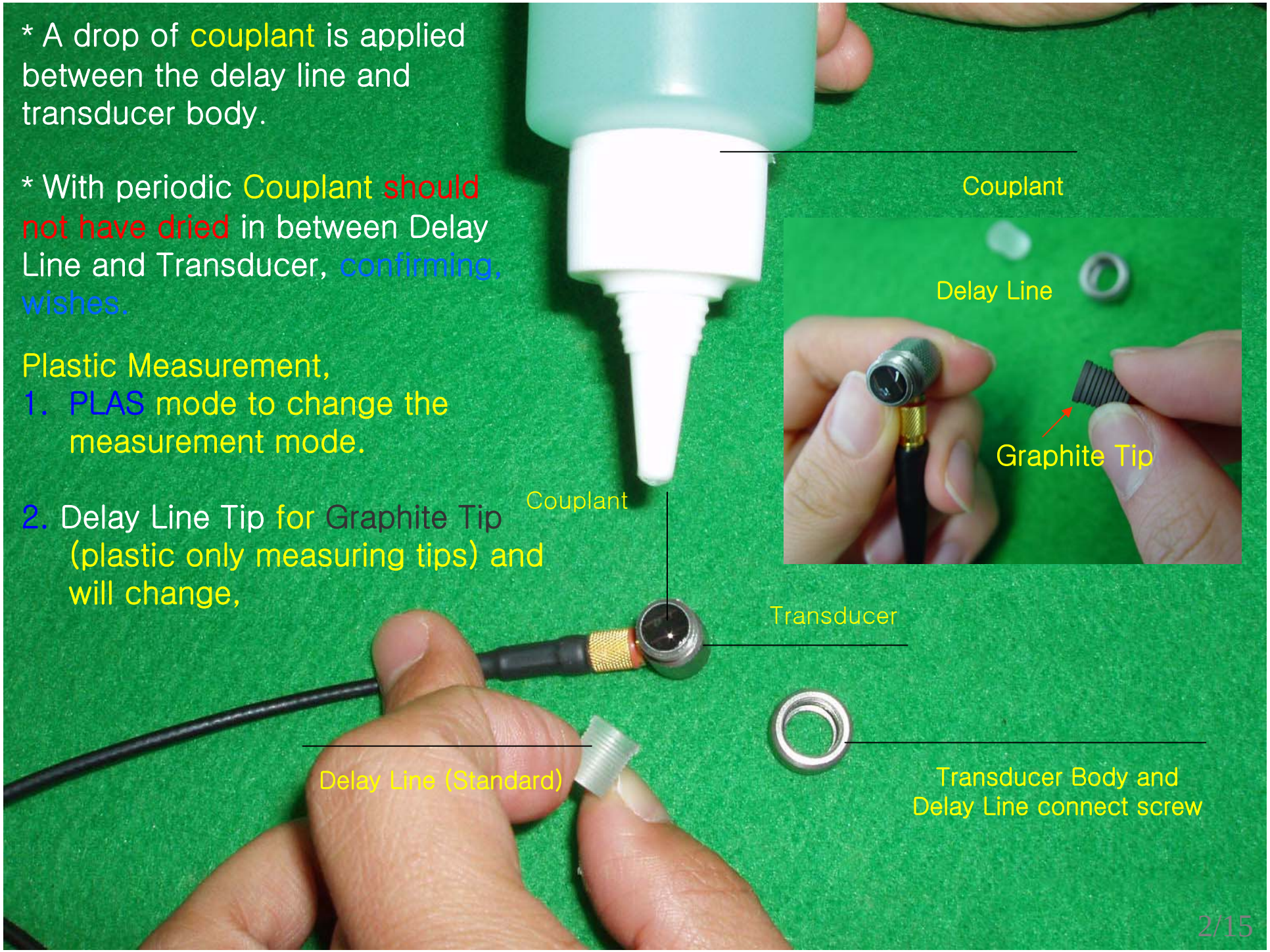
* A drop of couplant is applied between the delay line and transducer body.

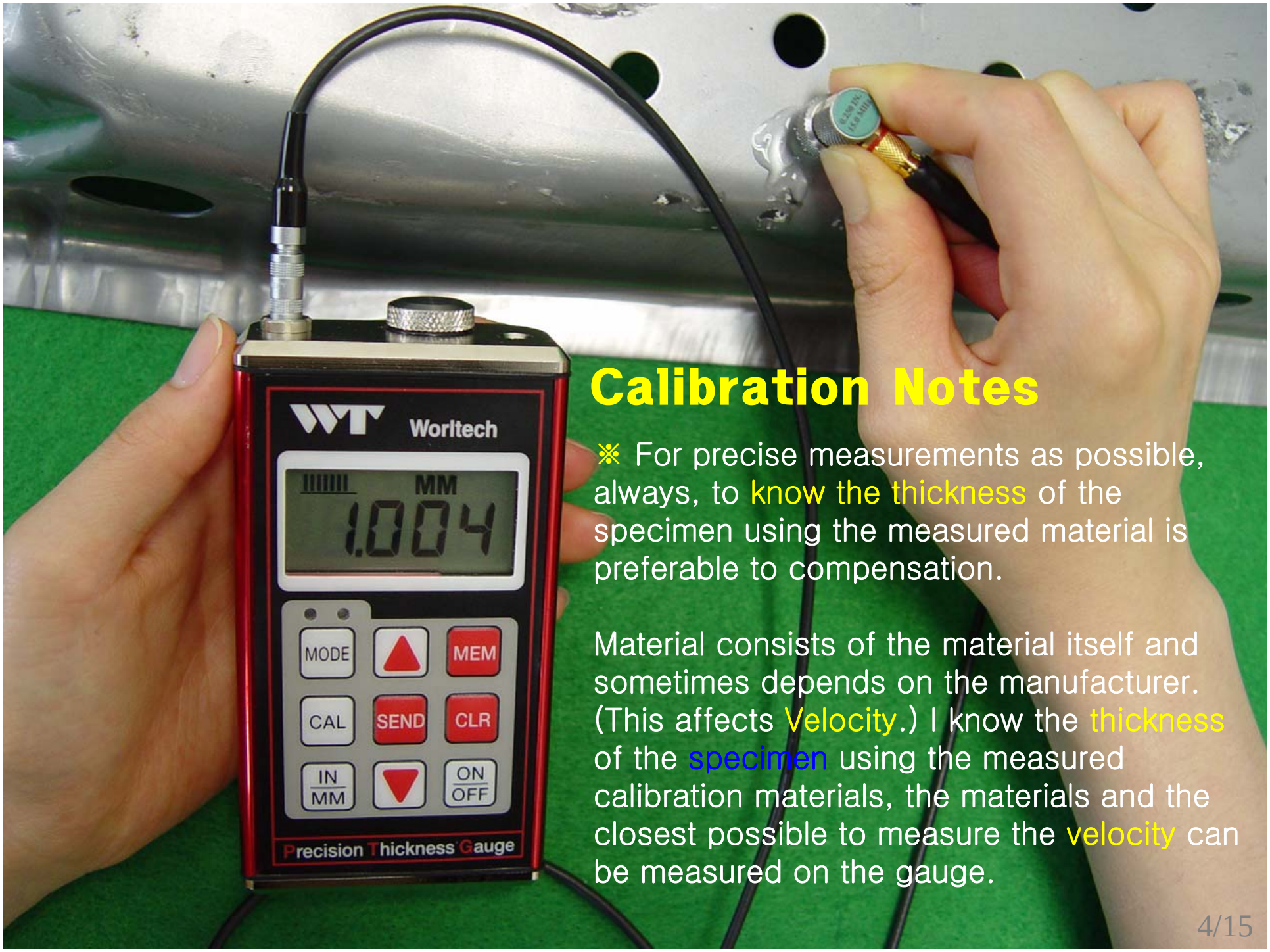
* With periodic Couplant should not have dried in between Delay Line and Transducer, confirming, wishes.

Plastic Measurement,

1. PLAS mode to change the measurement mode.

2. Delay Line Tip for Graphite Tip (plastic only measuring tips) and will change,





Calibration Notes

※ For precise measurements as possible, always, to know the thickness of the specimen using the measured material is preferable to compensation.

Material consists of the material itself and sometimes depends on the manufacturer. (This affects Velocity.) I know the thickness of the specimen using the measured calibration materials, the materials and the closest possible to measure the velocity can be measured on the gauge.

<Select Measurement Mode>

Measured by using the arrow keys to select the mode appropriate to your situation.

1) E-E: Thin Thickness Measurement

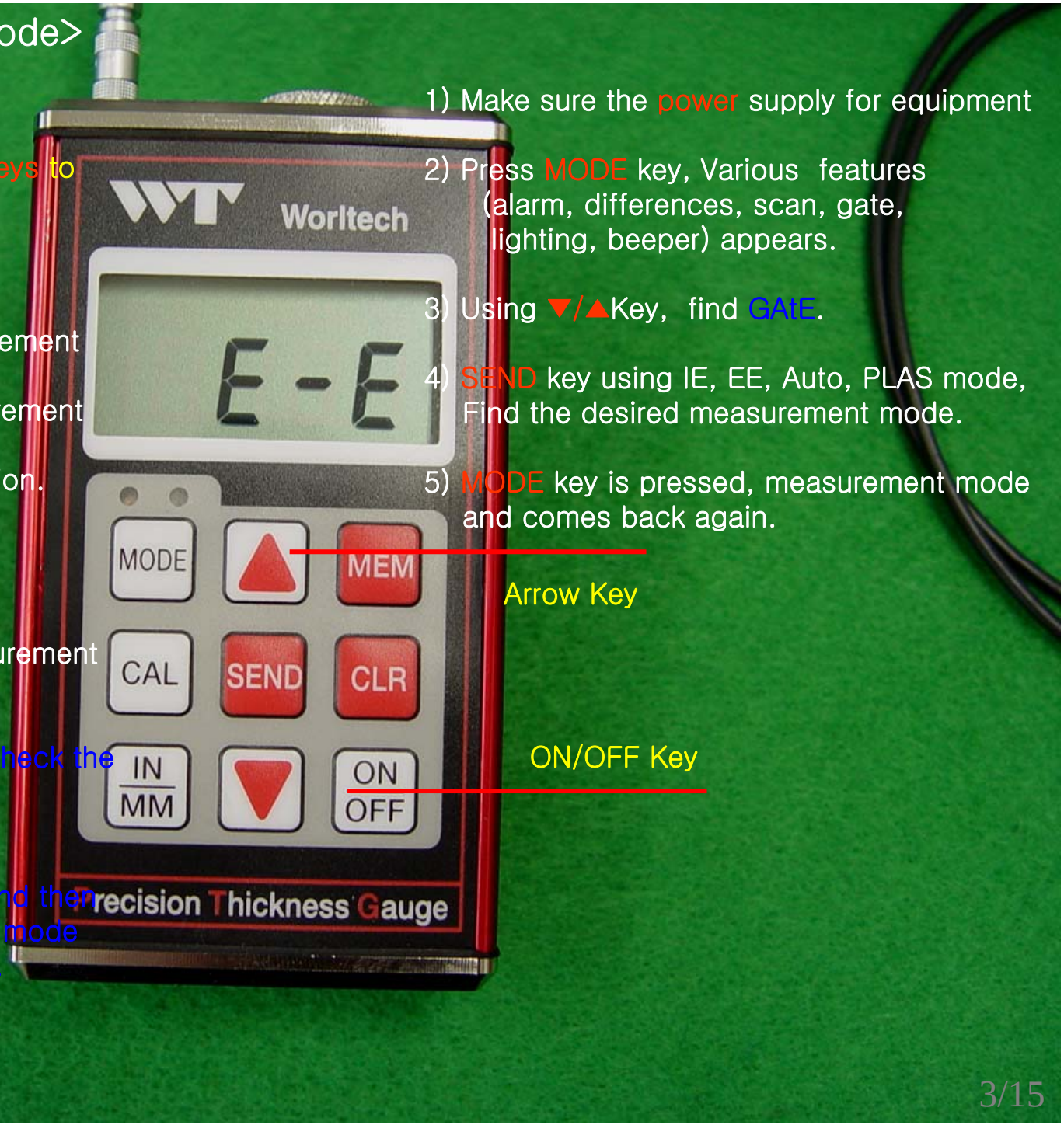
2) I-E: Thick Thickness Measurement

3) AUTO: E-E, I-E Auto Selection.
However, the probability of error when measuring the coating material is.

4) PLAS: Plastic Material Measurement

The equipment if you want to check the current measurement mode,
ON / OFF key Press.

ON / OFF key on the screen, and then get out of the first mode is the mode currently set for the equipment.



1) Make sure the power supply for equipment

2) Press MODE key, Various features (alarm, differences, scan, gate, lighting, beeper) appears.

3) Using ▼/▲Key, find GAtE.

4) SEND key using IE, EE, Auto, PLAS mode, Find the desired measurement mode.

5) MODE key is pressed, measurement mode and comes back again.

Arrow Key

ON/OFF Key

<Select Measurement Mode>

Measured by using the arrow keys to select the mode appropriate to your situation.

1) E-E: Thin Thickness Measurement

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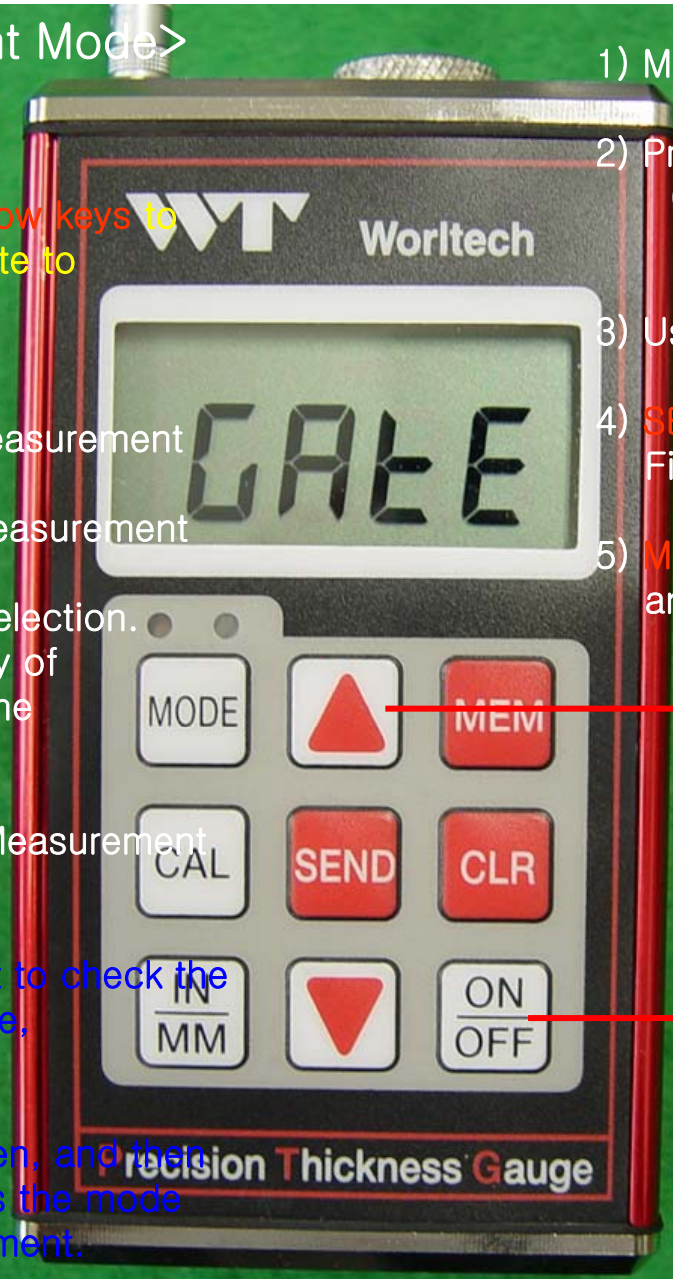

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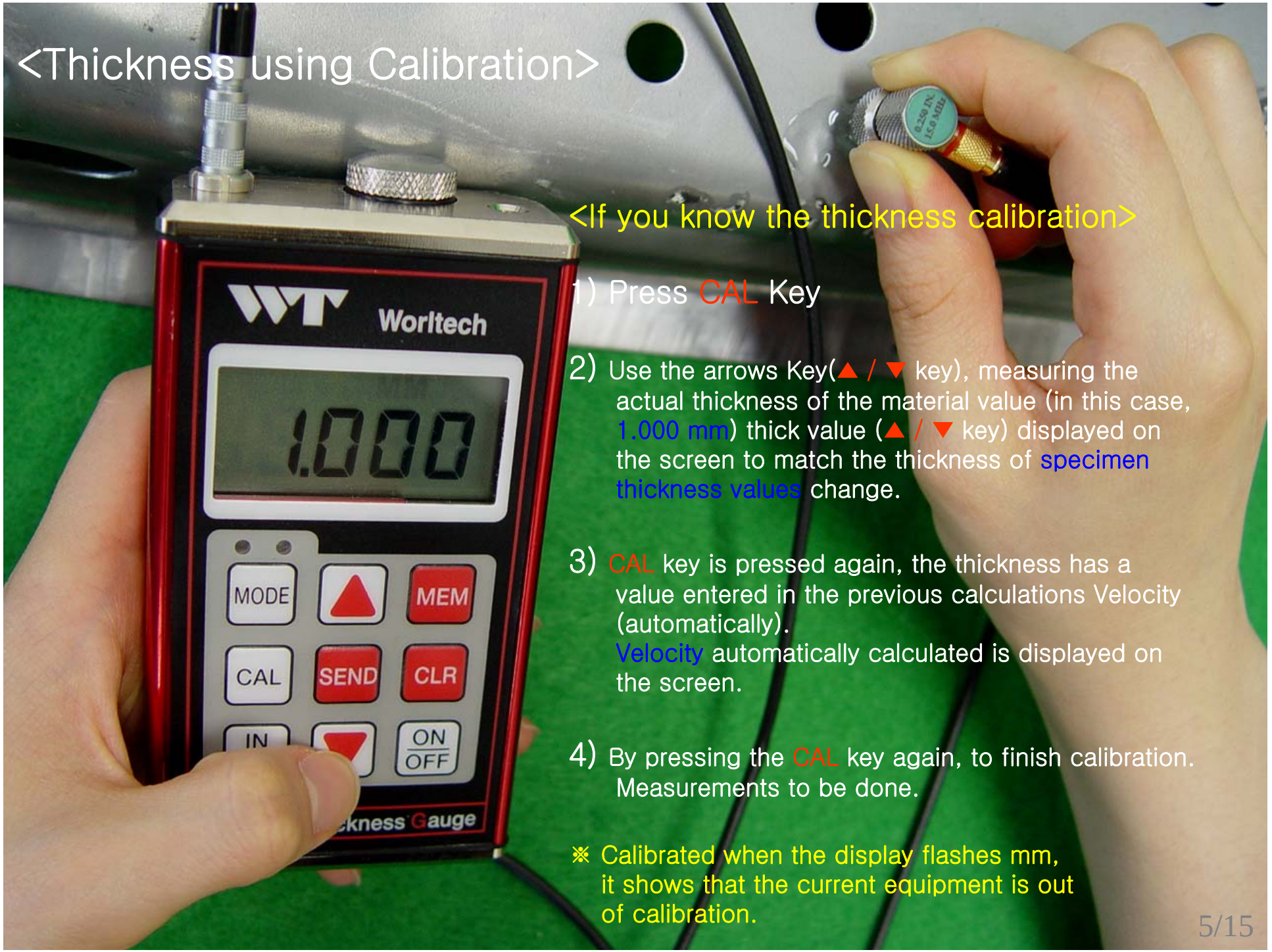
Arrow Key

ON/OFF Key

<Thickness using Calibration>



<If you know the thickness calibration>

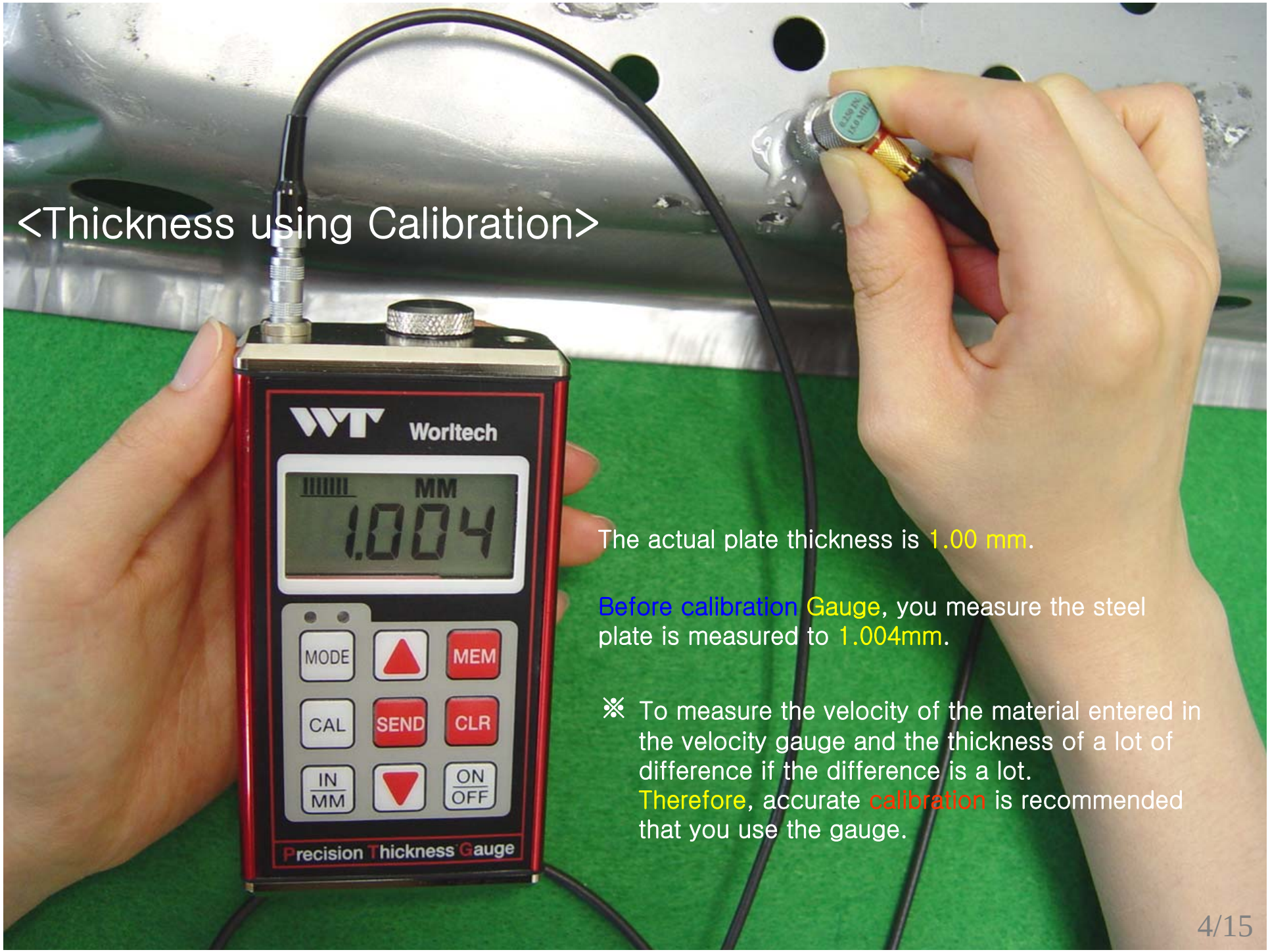
1) Press CAL Key

2) Use the arrows Key(▲ / ▼ key), measuring the actual thickness of the material value (in this case, 1.000 mm) thick value (▲ / ▼ key) displayed on the screen to match the thickness of specimen thickness values change.

3) CAL key is pressed again, the thickness has a value entered in the previous calculations Velocity (automatically).
Velocity automatically calculated is displayed on the screen.

4) By pressing the CAL key again, to finish calibration. Measurements to be done.

※ Calibrated when the display flashes mm, it shows that the current equipment is out of calibration.



<Thickness using Calibration>

The actual plate thickness is 1.00 mm.

Before calibration Gauge, you measure the steel plate is measured to 1.004mm.

※ To measure the velocity of the material entered in the velocity gauge and the thickness of a lot of difference if the difference is a lot. Therefore, accurate calibration is recommended that you use the gauge.

< Velocity using Calibration>

CAL 키

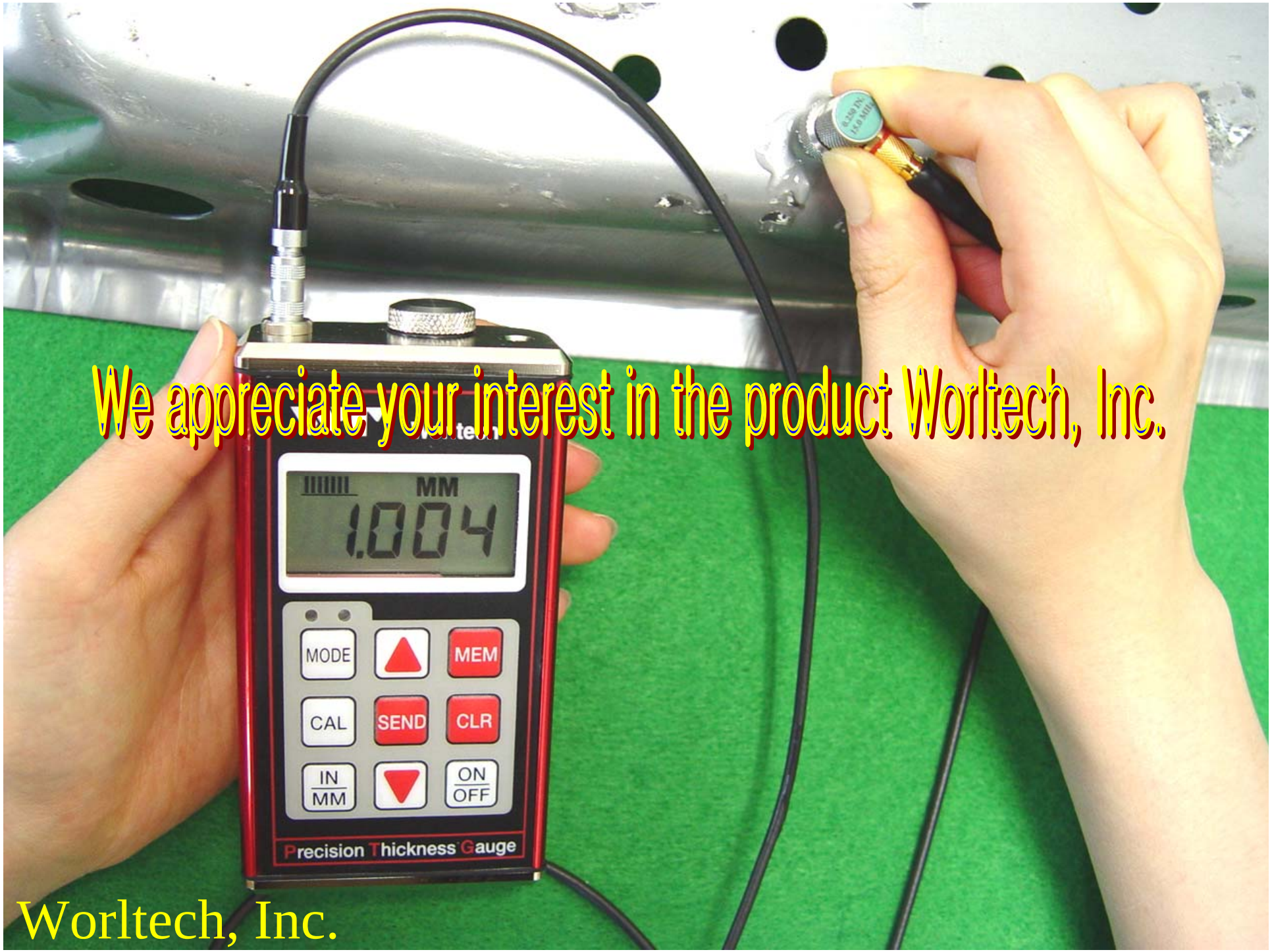
< If you know the Velocity calibration >

1) Turn on the power gauge.

2) Press CAL key to start the calibration mode. If the display flashes MM, CAL, press M / s indicator is blinking.

3) Use the arrows Key(▲ / ▼ key), Changes Velocity where has become the display in the screen with Velocity of the measurement material.
(Example: Steel(5930m/s), Glass(5640m/s))

4) By pressing the CAL key again, to finish calibration. Measurements to be done.


We appreciate your interest in the product Worltech, Inc.
MM
1.004
MODE
MEM
CAL
SEND
CLR
IN
MM
ON
OFF
Precision Thickness Gauge
Worltech, Inc.