

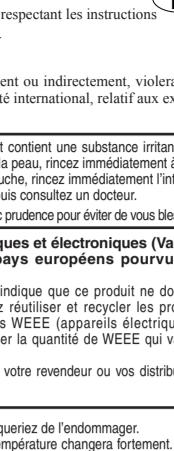
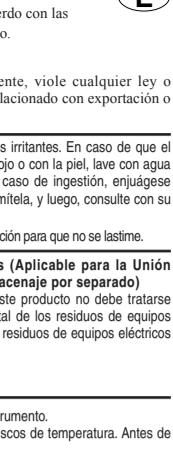
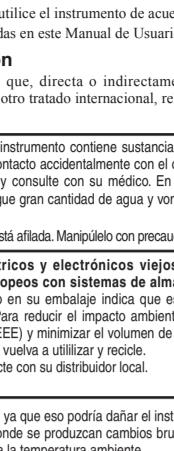
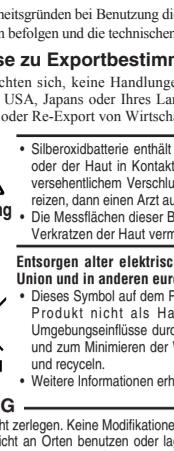
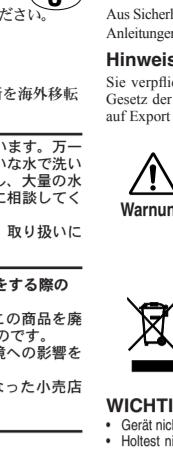
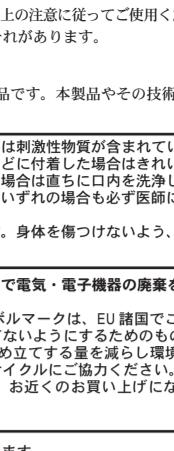
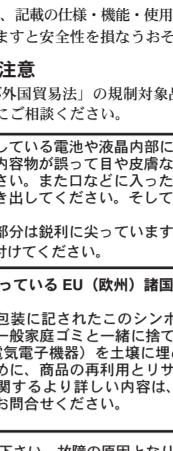
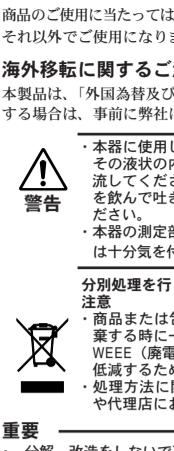
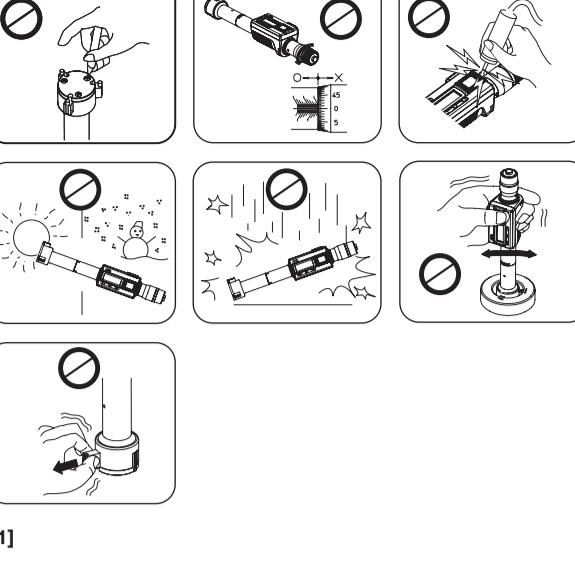
デジマチックホールテスト

Digimatic Holtest

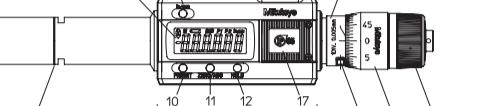
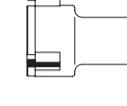
Holtest Digimatic

Digimatic Holtest

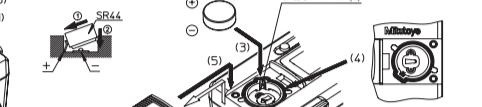
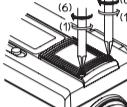
Digimatic Holtest



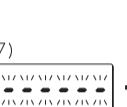
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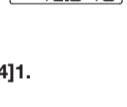
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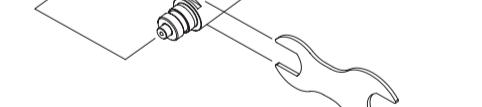
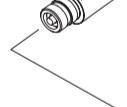
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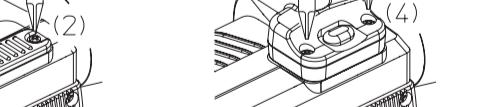
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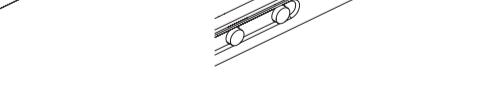
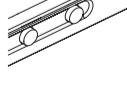
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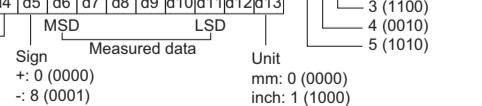
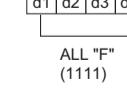
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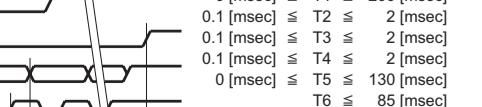
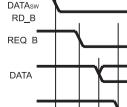
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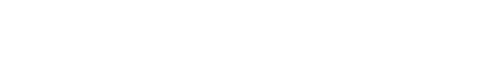
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Digimatic Holtest

Digimatic Holtest

Digimatic Holtest

디지매트 훌 테스트

数显孔径千分尺

三點式數顯孔徑分厘卡

Safety Precautions

Ensure operator safety, use this instrument in conformance with the directions and specifications in this manual.

Export Control Compliance

The goods, technologies or software described herein may be subject to National or International, or Japanese Export Controls. To export directly or indirectly such matter without due approval from the appropriate authorities may therefore be a breach of export control regulations and the law.

WARNING
The silver oxide battery used for this instrument contains initiating substances. Should the liquid contact accidentally come into contact with the eye or skin, rinse with water immediately, then consult a physician. If the liquid contacts the eye, immediately flush with water and then consult a physician.

DISPOSE OF OLD ELECTRICAL & ELECTRONIC EQUIPMENT (Applicable in the European Union and other European countries with separate collection systems)
This symbol on the product or on its packaging indicates that this product shall not be disposed as household waste. To reduce the environmental impact of WEEE (Waste Electrical and Electronic Equipment) and minimize the volume of WEEE entering landfills, please reuse and recycle.

For further information, please contact your local dealer or distributors.

IMPORTANT

Do not disassemble. Do not modify Holtest. It may damage Holtest.

Do not use and store the Holtest under sun where the temperature will change abruptly. Prior to use thermally stable environment.

When do not store the Holtest in a humid or dusty environment.

Do not store the Holtest in a position where it may be splashed directly with coolant, or the like, ensure that the cover is closed and the insulation is intact before use.

Do not use the Holtest until the cover is closed and when installing the cover, ensure that the front screws are tightly fastened and that there are no gaps.

After use, apply rust prevention measures as occurrence of rust can lead to device malfunction.

Do not apply sudden pressure measure as occurrence of rust can lead to device malfunction.

Always use the correct torque when tightening or loosening the cover.

Wipe off dust, cutting chips, and moisture from Holtest before use.

To clean Holtest, use a soft cloth moistened with a neutral detergent. Do not use any organic solvent, thinner, or the like.

The spindle is designed so that it can be removed from the inner sleeve. Do not move it past the upper limit of the measuring range. It may damage the instrument.

Do not use as electrical marking pen or other devices on the Holtest.

The measurement range is 0~10mm. It takes about 20~30 minutes. Turn on the LCD, turn the thumb or click the ZERO/ABS button.

Do not change or disassemble the Holtest.

If the battery is exhausted, it can be used for more than 5 months, remove the battery from the Holtest.

The battery could leak and cause damage to the battery from the Holtest for safe keeping.

The warranty shall not apply if the product fails or is damaged as a result of fair wear and tear including battery drain.

Do not use the Holtest in water during use, as this may possibly lead to infiltration of coolant, etc. Furthermore, exercise caution when using the device as it is possible to spray directed with a jet of liquid, as infiltration of coolant, etc., may be unavoidable in such cases, depending on the conditions of use.

Do not twist Holtest or let it hang while it is fixed in a hole.

Only use the supplied anodes. Do not remove the anodes from the measuring head.

Make sure to measure with a constant measuring force by using a ratchet. To gain the proper measuring force, always use the ratchet when you touch the workpiece, then stop moving them, and rotate the ratchet several times.

Note that an excessive measuring force may be an error factor for this Holtest.

The measurement accuracy often depends on whether the entire surface of the anode is used for measurement or not at the time of the mechanism of the Holtest. Part of the error in the measurement, allude to the measurement point under the same conditions before measurement.

Refer to the illustrations on the reverse side while reading this manual.

Do not use the supplied Phillips screwdriver (No.05CA4950) when screwing or unscrewing the set-screws and tighten the set-screws at a torque of approximately 5.0 N·cm.

1) Loosen the set-screws from battery compartment cover with the supplied Phillips screwdriver.

2) Remove the set-screws.

3) Install a battery with their " + " side facing up.

4) Check that the sealing seal is properly mounted to the specified position.

5) Replace the cover.

6) Pressing the edge of the cover, tighten the set-screws to fix the cover.

7) "----" flashes on the LCD when the battery is installed.

8) Press the PRESET button.

9) Counting can be started when "----" is no longer displayed and "0.000" is displayed on the LCD.

[3] Installing the Battery

IMPORTANT

When the battery has been installed, first press the PRESET button, but do not rotate the thumb while the previous values are being set (see Fig.[2](8)(9)). Rotating the thumb during this time may result in failure in setting the default settings by the electronic circuit which will prevent the obtaining of a correct count. Reset the previous values when the batteries are exhausted.

The previous values are canceled when the batteries are exhausted. Reset the previous values if the batteries have been recharged (refer to section [4] of Datum Point setting).

Use only an SR45 battery type supplied.

(The battery voltage is 3V. This is the only way of checking the functions and performance of the instrument, therefore it may not satisfy the specification of the battery.)

Check that the packing seal is attached properly when attaching the battery compartment cover. The check that the packing seal is attached properly when attaching the battery compartment cover and packing seal are not attached properly. This can cause an error in measurement.

In the rare event that an abnormal display appears, such as an error display or count fault, the battery should be removed and then reinstated in position.

Please dispose of the battery in accordance with local regulations regarding disposal of hazardous substances.

Since the battery is not installed at the time of purchase, install the battery by following the procedure described below.

Be sure to use the supplied Phillips screwdriver (No.05CA4950) when screwing or unscrewing the set-screws and tighten the set-screws at a torque of approximately 5.0 N·cm.

1) Loosen the set-screws from battery compartment cover with the supplied Phillips screwdriver.

2) Remove the set-screws.

3) Install a battery with their " + " side facing up.

4) Check that the sealing seal is properly mounted to the specified position.

5) Replace the cover.

6) Pressing the edge of the cover, tighten the set-screws to fix the cover.

7) "----" flashes on the LCD when the battery is installed.

8) Press the PRESET button.

9) Counting can be started when "----" is no longer displayed and "0.000" is displayed on the LCD.

[2] Button Function and Display Indication

1. Button function

Press to zero-set the display.

Hold the display.

Operate to switch the unit to the zero-set mode.

INC : Incremental mode for comparative measurement.

H : The battery voltage is low. Immediately replace the battery.

INC/S : The function lock is valid.

Errors occur when a setting or reading exceeds the limit value.

When the function lock is set, it is in the LCD and only the [HOLD] operation is possible.

INC : PRESET/ABS : When the battery voltage is low, it is in the LCD.

R : Lights in the LCD and H : Disappears.

Perform same procedure when canceling function lock.

4] Datum Point Setting

IMPORTANT

When the battery has been installed, first press the PRESET button, but do not rotate the thumb while the previous values are being set (see Fig.[2](8)(9)). Rotating the thumb during this time may result in failure in setting the default settings by the electronic circuit which will prevent the obtaining of a correct count. Reset the previous values when the batteries are exhausted.

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1) Loosen the set-screws from battery compartment cover with the supplied Phillips screwdriver.

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5) Replace the cover.

6) Pressing the edge of the cover, tighten the set-screws to fix the cover.

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[3] Function and Display Indication

1. Button function

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Operate to switch the unit to the zero-set mode.

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Use only an SR45 battery type supplied.

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Check that the packing seal is attached properly when attaching the battery compartment cover. The check that the packing seal is attached properly when attaching the battery compartment cover and packing seal are not attached properly. This can cause an error in measurement.

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Please dispose of the battery in accordance with local regulations regarding disposal of hazardous substances.

Since the battery is not installed at the time of purchase, install the battery by following the procedure described below.

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4] Datum Point Setting