

Fruits Sugar-Acid Meter (MODEL : SAM-700S)

1. BEFORE MEASUREMENT

- (1) PLACE BATTERY 9V × 1 EA INTO BATTERY COMPARTMENT(BACK SIDE).
- (2) IF 'CAL'(SWEETNESS)/'AAA'(SOURNESS) SIGN APPEARS ON LCD, THE UNIT IS READY TO MEASURE IN NORMAL CONDITION (AUTOMATIC CALIBRATION).

2. MEASUREMENT OF SWEETNESS (BRIX %)

- (1) CLEAN 'SAMPLE WELL' WITH TISSUE AND DRIP TWO OR THREE DROPS OF TEST SOLUTION ON 'SAMPLE WELL FOR BRIX %'.
- (2) CLOSE 'SAMPLE WELL' WITH 'LIGHT COVER' AND PRESS 'MEAS.' BUTTON.
- (3) MEASUREMENT RESULT (BRIX %) APPEARS ON LCD (# AFTER 2 MINUTES, WHEN THERE IS NO OTHER OPERATION, THE POWER IS OFF-AUTO HOLD & AUTO OFF FUNCTION).
- (4) AVERAGE TEST DATA (UP TO 9 TIMES) IS AVAILABLE BY PRESSING 'AVER.' BUTTON (# IN ORDER TO SAVE BATTERY, THE UNIT TURNS OFF BY PRESSING 'AVER.' BUTTON 2 TIMES CONTINUOUSLY).

3. MEASUREMENT OF SOURNESS (ACID %)

1) DILUTION

- (1) USING A SYRINGE, POUR DISTILLED WATER IN A DILUTION CONTAINER (UP TO 30ml LINE).
- (2) SQUEEZE SOME FRUITS AND PLACE FRUIT JUICE IN A CUP.
- (3) USING A PIPETTE (AFTER TIPPING), TAKE FRUIT JUICE SAMPLE (APPROX. 0.3ml) AND PUT IT INTO THE DILUTION CONTAINER.
- (4) CLOSE THE COVER OF 'DILUTION CONTAINER' AND MIX WELL FRUIT JUICE (APPROX. 0.3ml) AND DISTILLED WATER (30ml) FOR ABOUT 10 SECONDS.



MEAS.Button Sample Well

2) MEASUREMENT

- (1) PLACE THE DILUTED SOLUTION ON 'SAMPLE WELL FOR ACID %' ENOUGH TO COVER IT.
- (2) PRESS 'MEAS.' BUTTON, AND MEASUREMENT RESULT (ACID %) APPEARS ON LCD.
(# WHEN TEST SOLUTION IS OUT OF MEASURING RANGE. 'ErH' SIGN APPEARS.)

4. IMPORTANT

- (1) BEFORE EVERY MEASUREMENT, PLEASE CLEAN THE 'SAMPLE WELL'.
- (2) WHEN NO USE FOR A LONG TIME, MAKE SURE TO REMOVE THE BATTERY.
- (3) DO NOT STORE THE INSTRUMENT AT DAMP PLACE.
- (4) THE MANUFACTURER GRANTS 12 MONTHS WARRANTY PERIOD.
- (5) IN CASE OF WRONG USE OR ABUSE, WARRANTY IS NOT AVAILABLE.

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| ■ Digital Salt Meter | ■ Coffee Bean Moisture Meter |
| ■ Flour Moisture Meter | ■ Seed Moisture Meter |
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