

# DIGITAL GRAIN MOISTURE METER

## YM-8E

Direct measurement of moisture content of paddy, brown rice, milled rice, barley, wheat and naked barley  
No adjustment required even if variety of grains to be measured or ambient temperature change

**1. Automatic calculation of average moisture content**

**2. The average value of measurement is shown in LCD display**

**3. All the operation can be done by simply touching the buttons**



### How to use

◆ Should there be much temperature difference between the meter and the samples, errors may sometimes occur in measurement. Leave the meter intact over 40 minutes. During this period, the meter automatically detects the ambient temperature and to be ready for normal operation.

◆ Clean the electrode, sample saucer and handle top end part by using tweezers or brush provided, especially after measuring high moisture content of grains. Otherwise, residual samples may cause errors and unreliable measuring results.

◆ Do not touch the sample saucer metallic part with the fingers

◆ Measure more than three times, and take the average value of them

◆ Take out the batteries when they are not used for a long time.

- ① Handle ② Measuring Button  
③ Averaging Button  
④ Selector Button ⑤ Display



For improving product quality

LABORATORY EQUIPMENT

FC2K-Y/ VP-32T  
SF-31/ YM-8E

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MODEL		YM-8E		
Measuring Materials		Paddy, Brown rice, Milledrice, Barley, Wheat and Naked barley		
Length	(mm)	100	Display Accuracy	(%) 0.1 (1%, in case of over 30%)
Width	(mm)	175	Measuring Accuracy	(%) +/- 0.5 (at 10%~20%)
Height	(mm)	72	Ambient temperature to be operated	(°C) 5-40 (Except dew point)
Weight	(g)	480	Display method	LCD Digital display
Measuring Range	Paddy(%)	8.7-40.0	Exchange method	Direct indication of exchange figure automatically
	Brown rice(%)	9.1-40.0		
	Milled rice(%)	9.8-20.0	Temperature compensation	Automatic compensation
	Barley(%)	8.0-34.3	Power source	Dry battery, 1.5V(AM3) × 4 pieces
	Wheat(%)	8.6-35.0	Accessories	Carrying case, Hand huller, Brush, Sample saucer (2pieces), Spoon, Tweezers and Operation manual
Naked barley(%)	8.4-34.7			

# TESTING HUSKER

FC2K-Y USDA Approved model

The Yamamoto FC2K-Y Testing Husker is a very compact and efficient machine designed for use in QC laboratories. This husker has a very unique design that has one moving part. It has a shelling impeller instead of using traditional rubber rolls. This allows rice grains, with relatively high moisture content, to be shelled with high efficiency, regardless of the type of rice. This is almost impossible for a husker with rubber rolls.

Our Yamamoto Model FC2K Husker is also used as husk-aspirator; instead of paddy rice, you can feed husks from your rice mill in this machine allowing you to know if any grain is included in husks. By knowing the percentage number of grain, you can adjust the aspirators of your rice mill huskers to be more efficient, which helps your bottom line.

1. Compact design
2. Easy operation
3. Good to know quality of brown rice
4. Good to know any grains included in husks of your rice mill
5. High husking efficiency even high moisture contents of paddy
6. Easy and quick husking even small amount of paddy
7. Automatic husk collecting system equipped with integrated cyclone Easy maintenance



MODEL			FC2K-Y		
Length	(mm)	598	Capacity	(kg/h)	60~120
Width	(mm)	357		(W)	250
Height	(mm)	620		(V)	100
Weight	(kg)	23		(Phase)	1
Impeller RPM			Variable Speed		3,000~7,000

※Above specifications and dimension may change due to Yamamoto' s continuous development program.

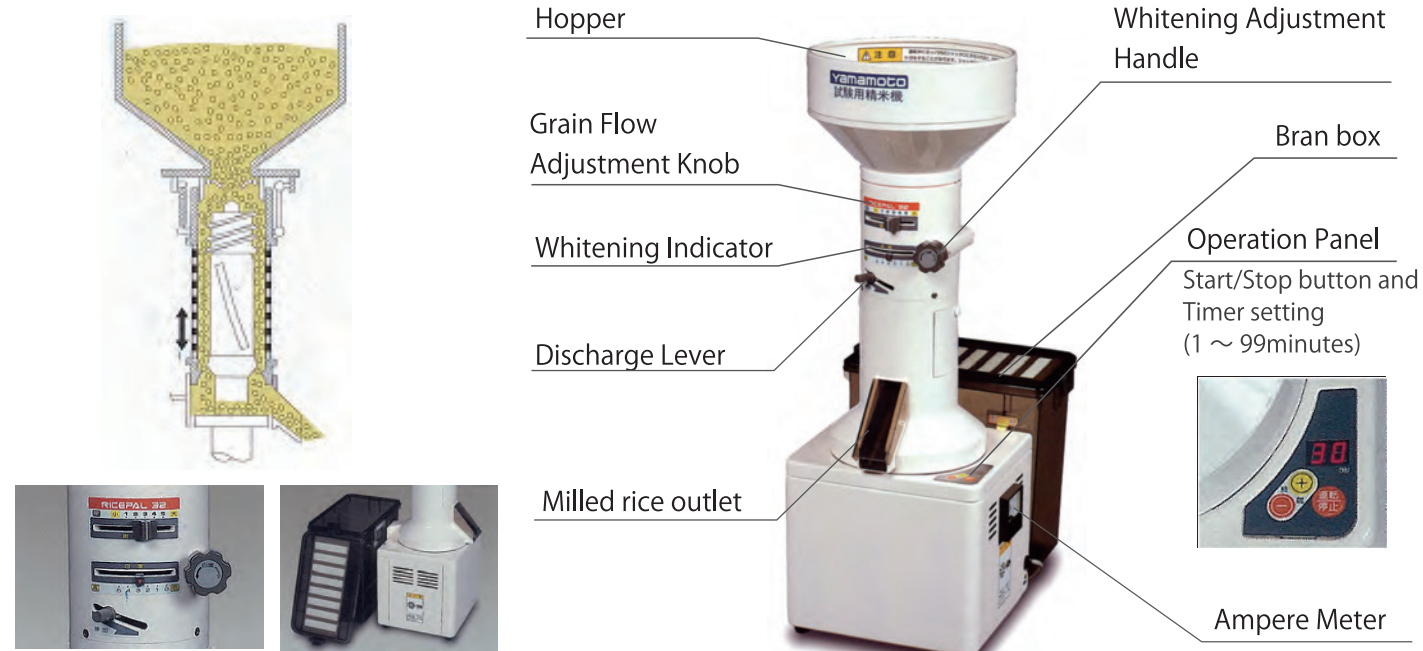
# TESTING WHITENER

VP-32T

The Yamamoto VP-32T Testing Whitener is a very compact and efficient machine designed for use in state of the art QC laboratories. Since Model VP-32T is a friction type vertical whitener, all rice inside the milling chamber can be discharged. This special feature allows you to obtain an accurate milling yield.

Our Model VP-32T is the most popular testing whitener which helps finding heat damage and other types, used at universities, laboratories and many other public organization in Japan, and it is authorized by the Japan Grain Inspection Association.

1. Ready for operation due to built-in motor
2. Milling degree is easily adjusted by handle
3. Milling can be done from 200 grams of brown rice
4. Bran to be cleanly collected in the bran box



MODEL			VP-32T		
Type of machine	Vertical friction	Capacity	(kg/h)	30	
		Hopper Capacity	(kg)	5	
Length	(mm)	440	Power Supply	(W)	300
Width	(mm)	320		(V)	100
Height	(mm)	775		(Phase)	1
Weight	(kg)	23		Safety Device	
			Automatic stop for motor over-load		

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# GRADING SIFTER

SF-31

1. Refining milled rice by method of Complex Horizontal Oscillation of straight line of inclined screen and circular motion.
2. Inclination of screen can be adjusted at the range 5 ~ 8° (Screen A)
3. The Sifting Balls prevent the jam of screen.
4. There are five screen slot size. (option): 1.7, 1.8, 1.9, 2.1, 2.2
5. Easy to adjust the flow amount by shutter lever.
6. Easy maintenance.

MODEL			SF-31		
Length	(mm)	561	Power Supply	(W)	100
Width	(mm)	305		(V)	100
Height	(mm)	384		(Phase)	1
Weight	(kg)	24	Standard Screen A	(mm)	2.0
Capacity	(kg/h)	130 - 320	Option of Screen A	(mm)	1.7 / 1.8 / 1.9 / 2.1 / 2.2

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