

1 PROCESSING

1. Testing Dryer

It is designed for drying samples of grain. Up to 48 separate samples of grain can be simultaneously dried by means of hot air. The power supply is regulated by safety devices to prevent excessive temperature rise.

Model	TDR24E	TDR48E
Drying speed	1.0~1.2% per hr (At sample quantity 600~700g)	
Air temperature	35~45°C	
Heater	Type	Semiconductor heater
	Power	0.8~1.2kW×2 0.8~1.2kW×4
Suction fan	Type	Mini-Plate Fan
	Power	60W×2 60W×4
	r.p.m.	50Hz 2560rpm 60Hz 3200rpm
Sample container (Box)	1.5kg (Paddy) ×24pcs	1.5kg (Paddy) ×48pcs
Dimensions (L×W×H)	1083×1950×554mm	1583×1950×554mm
Net weight	180kg	350kg



2. Testing Winnow

For separating the good grain, light impurities, heavy impurities, immature grain and broken grain, which are discharged by different outlets according to their density. It can also be used for separating the seed of vegetables, grass, etc.

Model	B2	PS
Required power	Manual	100W, motor
r.p.m.	—	100~930※1
Net weight	34kg	56kg
Dimensions (L×W×H)	830×420×720mm	880×360×830mm



(※1) Recommended fan speed for PS

Red beans	860~900rpm
Soyabeans	900~930rpm
Wheat, Cabbage seed	420~450rpm
Parsley seed	260~270rpm
Carrot, Chinese onion seed	210~240rpm
Chinese cabbage seed	100~150rpm

3. Testing Husker

1. The Testing Husker can be successfully used for easy husking of paddy, either in the laboratory or in the rice mill. The husked rice, the husks and the immature paddy are automatically separated by an aspirator.

Model	THU35B
Capacity on paddy	50kg/hr.
Size of rubber roll	Width 35×Dia.100mm
Built-in motor	400W, single phase
Outside dimensions	L700×W310×H750mm
Net weight	35kg
Accessories	Rubber roll ×2 Nylon brush ×1 Spanner ×1



2. About 10g of paddy sample can be husked by two rubber rolls, which can be rotated by hand at different speeds.

Model	TR120
Outside dimensions	L70×W49×H80mm
Net weight	220g
Rubber roller	27mm in dia., hardness 85
Sample weight	10g



3. Husked kernel can be obtained by twisting after putting a small quantity of paddy on a rubber plate which is covered with another rubber plate.

Model	KY-114
Husking surface	Dia.80mm
Outside dimensions	Dia.100×40mm
Net weight	250g



4. Testing Mill

The Testing Mill is excellent for rapidly whitening a sample of husked rice or barley. It is solidly constructed from high-grade cast iron and steel. Again, installation is also very easy.

Model	TM05C
Input capacity	200g/one time
Motor	400W, single phase
Roll speed	750-1450rpm
Available mesh size of abrasive roller	#24, #46, #60
Outside dimensions	L374×W580×H386mm
Net weight	43.2kg
Accessory	Spanner×1 Cleaning brush×1 Abrasive roller #30×1, #36×1 or #46×1, #60×1



5. Testing Thickness Grader

The Thickness Grader is used for laboratory scale grading of grains according to their thickness. The octagonal screens are supplied with standard aperture sizes of 1.7, 1.8, 1.9 and 2.0mm.

Model	TWSB
Input capacity	600g/batch
Built-in motor	100W, single phase
Available screen mesh	1.5, 1.55, 1.6, 1.65, 1.7, 1.75, 1.8 1.85, 1.9, 1.95, 2.0, 2.1, 2.2, 2.25 2.3, 2.4, 2.5, 2.7, 2.8, 2.9, 3.0mm
Outside dimensions	L494×W384×H696mm
Net weight	40kg



6. Testing Rice Grader

The Rice Grader provides not only precise grading, but unique ease of operation. The machine is outstanding for the speed with which the indented cylinders can be exchanged in only one tenth of the time taken with conventional designs.

Model	TRG05B
Input capacity	100g per operation(standard)
Built-in moter	AC230V,25W, single phase
Revolution	25rpm
Accessory	Indented cylinder mesh size:, Us-type 3.5mm(standard) S-type 3.2, 4.75, 5.2mm
Outside dimensions	L617×W282×H380mm
Net weight	20kg
Option	Us Type 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0mm S Type 3.2, 4.75, 5.2, 6.2, 8.2, 9.8mm

