

# 4 GRAIN EXAMINING

TX/KT/MM

## 1. Grain Crack Inspector

1. It is used for inspecting rice quality. Extent and the percentage of damaged grain present in the sample can be quickly determined by placing the grain on the plate.

Model	TX-200
Outside dimensions	L134×W162×H80mm
Net weight	0.5kg



TX-200

2. 50 short grains can be inspected by adjusting the light from the mirror. Percentage of cracked grain can be determined simply and quickly.

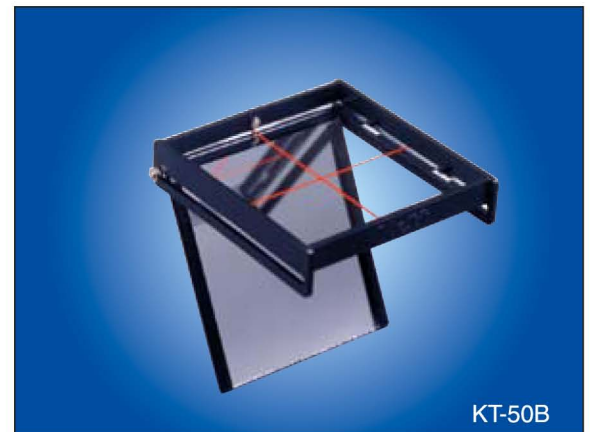
Model	KT-50A
Outside dimensions	L78×W100×H25mm
Net weight	170g



KT-50A

3. Put the rice grains on the glass and examine them by moving the mirror. Can be used instead of sample pan.

Model	KT-50B
Outside dimensions	L90×W80×H19mm
Net weight	115g



KT-50B

## 2. Milling Meter

Whiteness, transparency and milling degree are displayed in digital form by measuring the amount of reflected and transmitted light from the sample grain. It is more accurate than the conventional type of whiteness meter.

Model	MM1C
Measurement method	Photo diode
Measuring range	Whiteness 5.0~70.0% Transparency 0.01~8.00% Milling degree point 0~199
Required power	AC90~240V single phase 70W 50/60Hz
Net weight	3.5kg
Dimensions	L211×W90×H312mm



MM1C

### 3. Magnifier

1. A magnifier with a circular fluorescent tube which completely surrounds the magnifier.

Model		FS-300
Power		3X
Fluorescent lamp		20W
Dimensions	Outer dia.	230mm
	Height	375mm
	Lens dia.	130mm



Model		ES-30
Power		7X
Measuring range	Length	0~20mm
	Angle	0~90°
	Dimensions	Dia.36×H58mm



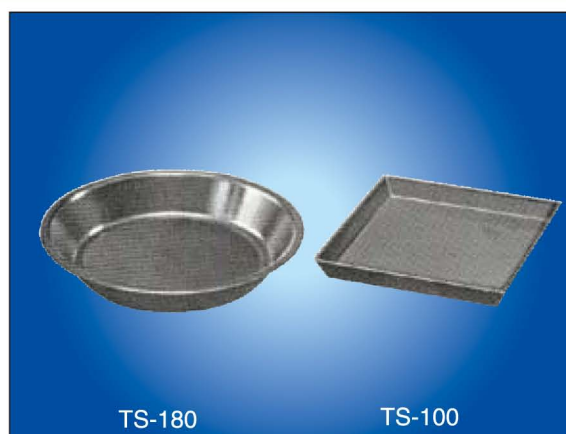
### 4. Sample Pan

1. All black color and made from synthetic resin.

Model	TS-180
Diameter	180mm

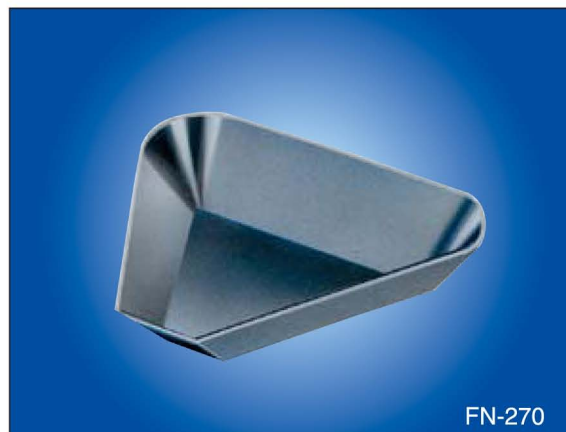
Model	TS-100
Upper edge	100×100mm

※White colored is available.



2. Made of sheet steel.

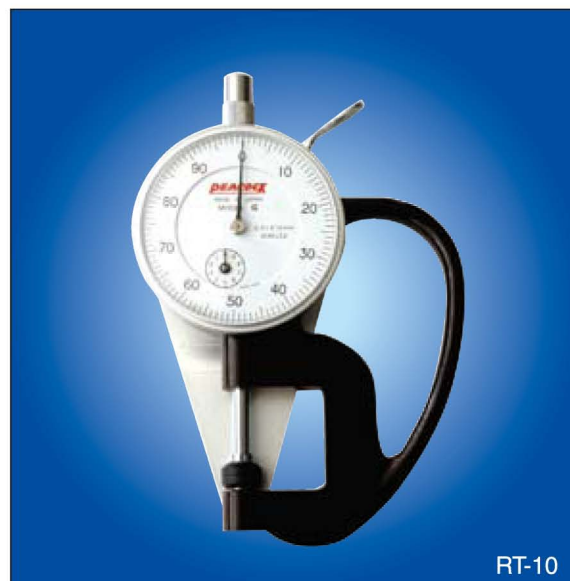
Model	FN-270
Base dimension	270mm



## 5. Grain Shape Tester

Place a small quantity of sample on the plate and operate the lever by left hand. Holding a pencil or pincette by right hand and measure the grain length or thickness by moving each grain to the groove.

Model	RT-10	RT-20
Measuring range	0~10mm	0~20mm
Graduation	Min. 0.01mm	Min. 0.01mm
Dimensions	L120×W85×H35mm	L135×W115×H45mm
Net weight	150g	280g



RT-10

## 6. Rigidity Tester

Grain rigidity has a close relationship with quality. Grain with high moisture content or chalky grain shows less rigidity. As a consequence, milling recovery would be less.

Model	KY-140
Maximum pressure	20kg
Graduation	200g
Pressed surface	5mm
Dimensions	L290×W180×H330mm
Net weight	5.2kg



KY-140

7. Sieve

For accurate sifting of a sample for making purity tests.

Model	TS-1
Standard set (round mesh size)	3.6,4.2,4.9,5.5,7.3,7.9mm
Dimensions	Dia.170×H40mm
Accessories	a bottom pan

Note: If other meshes are required, please specify in your inquiry.



Model	TS-2
Standard set (slot mesh size)	1.6,1.7,1.8,1.9,2.0,2.2,2.4,2.6mm
Dimensions	Dia.120×H50mm
Accessories	a lid, a bottom pan

Note: If other meshes are required, please specify in your inquiry.



Model	TS-3
Available round mesh size	4.2,4.9,5.5,6.1,6.7,7.3,7.6,7.9,8.5,9.1mm
Dimensions	Dia.340×H50mm

Model	TS-4
Available slot mesh size	1.6,1.7,1.75,1.8,1.9,2.0,2.1,2.2,2.3,2.4,2.5,2.6,2.7,2.8,2.9,3.0mm
Dimensions	Dia.340×H50mm

Note: If other meshes are required, please specify in your inquiry.

