

# palak agrotech



#### SEED SIEVE SHAKER

- For mechanical screening of grains
- Vibrating screen shaker.
- Timer provided
- Controlled Vibration

#### SEED BLOWER - DACOTA TYPE

- Used for purity testing, docking & cleaning of grains.
- Robust, fast & Mobile.
- Timer facility.
- Blower speed controller.
- Effective for small lots of seeds.
- Wire mesh at bottom prevents seed falling into Fan.
- Three sets of imported transparent tubes.

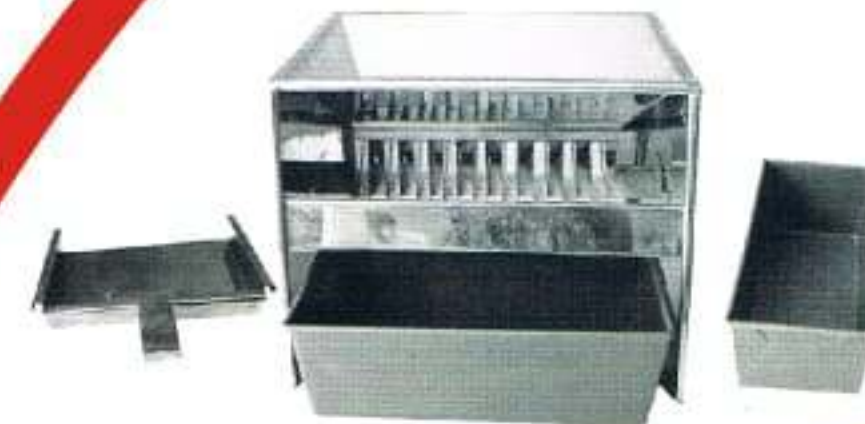


#### SEED GERMINATOR

- Used for germination of seed samples.
- Large users in Govt. & Non Govt. Sector.
- Fully programmable for light & temperature.
- Membrane keyboard.
- Data storage capacity (1000 readings)
- Programmable lock.
- Watch dog timer for smooth running of the Current programme.
- 16 x 2 line alphanumeric LCD display.
- Audio visual alarm.
- Display panel in the door.

#### SEED GERMINATOR DOUBLE CHAMBER

- Specifications same as 6784 but
- Number of chamber : Two



PAMHUSKAR



BROKEN SEPARATORS



PARKHI

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### TEST SIEVES

Model No: PAL 1113  
Made of Brass Sieves  
with Different perforation  
Jali Size : 1mm, 1.7mm, 3.35 mm, 4mm  
with LED Pen.  
Defferent Jali Size : According to your.

### RICE POLISHER

Model : PAL 1104  
Complete cleaning facility and suitable  
for polishing brown rice

Capacity : 150-200 gm/Batch



### DRY SEED EXTRACTOR

Model : PAL 7117

Separations of seeds from dried amaranthus,  
bhindi, cowpea etc.

Capacity : 3 kg to 10 Kg per hour.



### SAMPLE DIVIDER (GAMET TYPE)

Model : PAL 1109

Suitable for grains having Awn & beard  
it is used for dividing seed samples into two  
equal halves.  
stainless Steel Body  
Size 38x31x51 cm. (Approx)  
Operation Voltage : 220 V. 50 Hz AC

### GRINDER

Model - PAL GM 7122

Suitable for grinding food grains and spices  
Capacity : 10-15 Kg / hr  
Sturdy material enclosed in wooden cabinet.  
Sieves attached.



### RICE HUSKER

Model No: PAL 1103

Provide with rubber roll sheller  
and aspirator to separate the husk.  
Suitable for both dry & wet samples of any variety  
All moving parts are covered with pulley guard  
Easy cleaning by use of fly nuts.  
Capacity : 40-45 Kg/hr  
Operating Voltage 220V. 50 HZ A.C.  
Motor- 1/2 HP



### SEED SIEVE SHAKER

Model No. PAL 7110

Vibrator screen shaker to accommodate  
10 screen and one blank bottom pan  
with tie rod, complete with electric motor



### HECTO LITER

Model No: PAL 1104

Made of brass



### SPECIFICATIONS

Measuring range	8-40%
Accuracy	± 0.2%
Display	3 digit LED
Dimension	45x33x22 cms
Weight	24 Kg. app.
Power	9VDC (6 dry cell R type) or 230 VCA 50 Hz through main

Temp. Compension : Automatic  
Special features : Low Battery Indication. No need of Code Selection Display of all error conditions. Communication with printer/PC (Optional) **Strictly manufactured according to F.C.I. Norms and Guidelines.**



### SPECIFICATIONS

Measuring range	8-40%
Accuracy	± 0.2%
Display	3 digit LED
Dimension	30x17x20 cms
Weight	10 Kg. app.
Power	9VDC (6 dry cell R type)
Temp. Compension	Automatic

Special features : Low Battery Indication. No need of Code Selection Display of all error conditions. Communication with printer/PC (Optional) **Strictly manufactured according to F.C.I. Norms and Guidelines.**

### GRAIN VERNIER PA-401 DIGITAL GRAIN VERNIER PA-56

For dimensional analysis  
(For measurement of length and thickness of grains)

Features	Grain Vernier PA-401	Digital Grain Vernier PA-56
Range	0 to 10mm	0 to 10.3 mm
Accuracy	0.01 mm	0.02 mm
Dimensions	14 x 5.5 cm	14 x 5.5 cm
Weight	250g	250g
Stem Diameter	ø8mm	ø8mm



### PA-6701 RICE SIZING DEVICE

Size	: 77x77x49cm. (Approx)
Weight	: 55 kg. Capacity: 1 kg.
Motor	: 1/2 HP
Screen Area	: 60 x 25 cm
Operating Voltage	: 220VAC, 50 Hz.



### SEED COUNTER (MODEL-PA-3056)

- \* For fast & accurate counting of seeds.
- \* 16 x 1 line alphanumeric LCD display.
- \* Micro controller based.
- \* Membrane Keyboard
- \* Count maximum upto 999999 seeds in lot
- \* Range 1 to 15mm
- \* Knob provided for removing pan easily.
- \* Adjustable knob provided to ensure that the seeds moves in a single row.
- \* Slow start and slow stop provide for better accuracy.



### RICE MILLER (MC GILL TYPE) PA-6702

- \* For milling small samples to get polished rice.
- \* Fast, accurate & reliable Time & money saver.
- \* Portable design.
- \* SS pressure cover & weight level assembly.
- \* Timer facility.

### SEED GRINDER PA-261

- \* For Grinding the seeds, made of stainless steel 304 grade.
- \* Constructed of non-absorbent material.
- \* Grinding Chamber size 75mm x 25 mm
- \* Capacity 5g - 25g



### SEED RIFFLE TYPE DIVIDER (SOIL TYPE)

For dividing seeds into two equal halves

Cat. No.	Model	No. of Chutes	Width of Chutes	Hopper Size L x W
6718	RT-12	12	1.2cm	28x20 cm
6718	RT-14	14	1.2cm	30x20 cm
6827	RT-24	24	1.2cm	43x12 cm

### HAND TEST SIEVES (WOODEN) PA-7390

- \* For screening of grains on basis of size.
- \* Wooden frame.
- \* Sieves with different perforation.
- \* Large volume of sieves.
- \* Perforation can be found or oblong.



### LABORATORY ASPIRATOR - BATES TYPE PA-6726

- \* For separation of light chaffy material from granular product.
- \* Fast & accurate
- \* Separate detachable transparent collector
- \* Feed rate controller & Controlled air flow
- \* Triangular pan
- \* Large hopper capacity.





### PA-6707 Seed Grader

- \* To assess the fraction of various impurities shrunken & immature grains
- \* Especially designed for Lab. Use.
- \* Suitability for all cereal grains, pulses, oil seeds, vegetable seeds etc.
- \* Adjustable feed rate & blower speed
- \* Fractions separation
- \* Two Screen system
- \* Different fractions & impurities are collected from different spouts
- \* Work even without electricity

### PA-6716 Seed Grain Divider - Boerner Type

- \* For dividing seed sample into two equal halves
- \* Smooth finish without joint
- \* International Model with 38 openings
- \* Brass body
- \* Weight of body - 8.5 kg. approx.
- \* Especially for free flowing grain lots
- \* Meets with FCI specifications
- \* Two brass sample pans extra
- \* No Electric requirement & easy operation



### PA-W Moisture Meter For Wood

Direct reading of moisture in Timber, Pulp, Cotton, Wood, Mosquito Coil. The instrument is housed in cabinet highly finished the test procedure is written on the panel, complete with probe and battery.

#### Specification:-

Range	: 8-32%
Accuracy	: ± 0.5%
Dimension	: 27x14x13 cm.
Sensor	: 2 Pin Probe
Operating	: 1 Battery Cells

### PA-WD Digital Moisture Meter For Wood

Micro processor based, Digital, high accuracy portable instrument, workable on battery cells, complete with probe Automatic temperature compensation.

#### Specification:-

Range	: 8-40%
Accuracy	: ± 0.3%
Dimension	: 25x12x9 cm.
Sensor	: 2 Pin Probe
Operating	: 6 Battery Cells



### Moisture Meter For Soil (Digital Model PA-8)

The instrument is for detecting saturation percentage of water in soil. It is workable on 9V Battery 3.5 Digit display. Complete with 20 cm. electrode and wooden box

#### Specification:-

Range	: 0-100 Saturation %
Accuracy	: ± 0.2%
Dimension	: 22x10x10 cm.
Operating	: Battery 9V x 2e]
Electrode Size	: 20cm.
Display	: L.C.D. 3.5 Digit



### Sampling Triers

Made of Aluminium

Cat No.	Length	Outside dia	No. of openings
6788	Double Tube, 75cm	1.25 cm	5
6735	Double Tube, 90cm	2.5cm	5
6736	Double Tube, 150cm	3.75cm	5

### Power Paddy Cleaner Model No. PA-3002

Size	: 48"x52"x52" (Approx.)
Jalli Size	: 46"x46" (Approx.)
Motor	: 2HP Single Phase
Capacity	: 1.5 Ton P/Hr.
Weight	: 200 kg (Approx.)



### Infra Red Moisture Balance (Model PA-4)

A basic method for determination of moisture content, measure moisture percentage by weight and trying simultaneously, Infra Red radiation are reflected by a bulb and its temperature is controlled by a regulator. The balance scale is divided in terms of moisture content on net weight basis.

#### Specification:-

Range	: 0-100%
Accuracy	: 38x35x38 cm.
Dimension	: 5gm, 20gm, 25gm, or as required
Weight	: 1 Battery Cells
Operating	

### TECHNICAL SPECIFICATIONS

Measurement Method	: Infrared radiation and detection of weight loss.
Head source	: Infrared Rods.
Temperature Setting	: Ambient to 250°C
Temperature Control	: Platinum temperature sensor.
Accuracy	: 0.1%
Sample Weight	: 10 gm to 100gm (Optional upto 300gm)
Sensitivity	: 0.01 gms
Working Range	: 0.1 % to 99.9%
End Analysis Modes	: Time-Out 1 tp 999min.
Result Readability	: 0.1%
Units of Results	: Moisture in Percentage.
Printer	: Optional
Power requirements	: 230V 10% Ac 50Hz 200 watts.
Standard Accessories	: Mains Leads, Instruction Manual.



### PA-6714 ILLUMINATED PURITY WORKS BOARD

- \* For testing physical purity of seed samples
- \* Robust wooden model
- \* Illuminated light source
- \* Opal glass surface
- \* Convenient drawer
- \* Magnifying glass with flexible handle
- \* Easy detection of chalky, discoloured, immature and broken rice.



Food Grains / Pulses / Cereals / DOC / Cotton / Tobacco / Tea / Vegetable Seeds etc.

## DIGITAL MOISTURE METER

Model : PA -271

Range: 8.5% to 40%  
 Accuracy:  $\pm 0.2\%$   
 Display: Three Seven Segment FND  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells or 230 Volts 50 Hz AC through Adopter  
 Temperature: Automatic  
 Size: 300x170x260 mm. approx.  
 Weight: 9.5 Kg approx. without accessories.



## DIGITAL MOISTURE METER

Model : PA-272

Range: 3.5% to 40%  
 Accuracy:  $\pm 0.2\%$   
 Display: Three Seven Segment FND  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells or 230 Volts 50 Hz AC through Adopter  
 Temperature: Automatic  
 Size: 300x170x260 mm. approx.  
 Weight: 9.5 Kg approx. without accessories.



## UNIVERSAL DIGITAL MOISTURE METER

Model : PA-371

Range: 8% to 40%  
 Accuracy:  $\pm 0.2\%$   
 Display: Three Seven Segment FND  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells or 230 Volts 50 Hz AC through Adopter  
 Temperature: Automatic  
 Size: 450x250x330 mm. approx.  
 Weight: 22.5 Kg approx. without accessories.



## UNIVERSAL DIGITAL MOISTURE METER

Model : PA-372

Range: 3.5% to 40%  
 Accuracy:  $\pm 0.2\%$   
 Display: Three Seven Segment FND  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells or 230 Volts 50 Hz AC through Adopter  
 Temperature: Automatic  
 Size: 450x250x330 mm. approx.  
 Weight: 22.5 Kg approx. without accessories.



## DIGITAL GRAIN MOISTURE METER

Model : PA-275 A

Range: 3.5% to 40%  
 Accuracy:  $\pm 0.2\%$   
 Display: Digital LCD Display  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells or 230 Volts 50 Hz AC through Adopter  
 Temperature: Automatic  
 Auto Calibration, 3 Hot Keys, Membrane Keypad, Recall & Averaging Facility  
 Weight : 9.5 Kg Approx



## HANDY DIGITAL MOISTURE METER

Model : PA-276

Commodity: Rice, Paddy, Wheat, Mustard Barley, Parboiled Rice  
 Range: 8% to 40%  
 Accuracy:  $\pm 0.5\%$   
 Display: Large Bright LCD Display  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells  
 Size: 180x95x70 mm. approx.  
 Weight: 1 Kg approx.



## HANDY DIGITAL MOISTURE METER

Model : PA-277

Commodity: Paddy, Wheat, Maize etc  
 Range: 8% to 40%  
 Accuracy:  $\pm 0.2\%$   
 Display: Large Bright LCD Display  
 Principle: Resistance Measurement  
 Power: Six 9v Dry Cells  
 Sample Vol.: 20 gm approx



## PORTABLE DIGITAL MOISTURE METER

Model : PA-279

Commodity: Paddy, Wheat, Maize etc  
 Range: 10% to 40%  
 Accuracy:  $\pm 0.5\%$   
 Display: Large Bright LCD Display  
 Principle: Resistance Measurement  
 Weight : 1 Kg approx  
 Power : Six 9 V Dry Cells



## PROBE GRAIN HANDY MOISTURE METER

Model : PA- P370

Range : 6~ 30%  
 Measuring Condition:  
 Temp. : 10 Deg C-60 Deg C  
 Humidity : 5 - 90%  
 Accuracy :  $+0.5 (n+1) \%$   
 Display: Large Display with Backlight  
 Grains : 6 Kinds  
 Wheat, Rice, Paddy, Maize, Rye etc.



## COMPUTER MOISTURE METER

NON-DESTRUCTIVE TYPE

Model : PA-8588

Test Object : Foodstuff and other non-metal grain sample, Rice, Wheat, Maize Soyabean and Rapeseed upto 20 crops  
 Range : 3-35%  
 Accuracy : 0.5%  
 Display : LCD  
 Weight : 880 gm (approx)



## HALOGEN FOOD MOSITURE METER

MODEL : 105 W

Applicable to all the fields which need rapid moisture measurement such as grains, tobacco, tea, foods agriculture & forestry etc. Large display with back light.  
 Measuring Range : 0-100%  
 Readability : 0.005 g



## KETT DIGITAL MOISTURE METER

Model : RICETER F-506

Measuring Principle : Electric Resistance  
 Applications : Milled and brown, Rice, Paddy, paddy in dryer, wheat  
 Measuring Accuracy: 0.5%, 10~ 20%  
 Display Format : LCD with backlight illuminator  
 Automatic Temperature Correction  
 Power Supply : 1.5 V ( Size AA) Batteries x 4  
 Dims & Weight: 164 (W) x 94 (D) x 65 (H) mm  
 445 gm



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