



# MILLGRAIN MACHINERY INDUSTRIES

BUILD

YOUR

FUTURE



**AGRO LAB SOLUTIONS**



# MILLGRAIN MACHINERY INDUSTRIES

## Moisture Meter

### MG 313 >>>



#### MG 313 - Agro Digital Moisture Meter

Range	8.5% to 40%
Accuracy	+ 0.2%
Display	Seven Segment Display
Power	Adaptor(230 V,50 Hz AC to 9V,1000mA DC) /Six 1.5V dry cells
Temperature	Automatic(Room temperature)
Working Principle	Resistance Measurement
Size	300x170x260 mm. approx
Weight	9.5 kg approx (without accessories)

### MG 314 >>>



#### MG 314 - Agro Digital Moisture Meter(Thumb wheel)

Range	8.5% to 40%
Accuracy	+ 0.2%
Display	Seven Segment Display
Power	Adaptor(230 V,50 Hz AC to 9V,1000mA DC) /Six 1.5V dry cells
Temperature	Automatic(Room temperature)
Working Principle	Resistance Measurement
Size	300x170x260 mm. approx
Weight	9.5 kg approx (without accessories)

### MG 315 >>>



#### MG 315 - Agro Digital Moisture Meter

Range	8.5% to 40%
Accuracy	+ 0.2%
Display	Seven Segment Display
Power	Adaptor(230 V,50 Hz AC to 9V,1000mA DC) /Six 1.5V dry cells
Temperature	Automatic(Room temperature)
Working Principle	Resistance Measurement
Size	300x170x260 mm. approx
Weight	9.5 kg approx (without accessories)

### MG 316 >>>



#### MG 316 - Agro Digital Moisture Meter(Thumb wheel)

Range	8.5% to 40%
Accuracy	+ 0.2%
Display	Seven Segment Display
Power	Adaptor(230 V,50 Hz AC to 9V,1000mA DC) /Six 1.5V dry cells
Temperature	Automatic(Room temperature)
Working Principle	Resistance Measurement
Size	300x170x260 mm. approx
Weight	9.5 kg approx (without accessories)



# MILLGRAIN MACHINERY INDUSTRIES

## Moisture Meter (LCD)

### AGRO DIGITAL MOISTURE METER (LCD)

Model: MG 317



### MG 317 - Agro Digital Moisture Meter (LCD)

Range	3.5% to 40%
Accuracy	+ 0.2%
Display	LCD
Power	Adaptor(230 V,50 Hz AC to 9V, 1000mA DC) /Six 1.5V dry cells
Temperature	Automatic(Room temperature)
Working Principle	Resistance Measurement
Size	300x170x260 mm. approx
Weight	9.5 kg approx (without accessories)

### UNIVERSAL DIGITAL MOISTURE METER (LCD)

Model: MG 318



### MG 318 - Agro Digital Moisture Meter(LCD)

Range	3.5% to 40%
Accuracy	+ 0.2%
Display	LCD
Power	Adaptor(230 V,50 Hz AC to 9V, 1000mA DC) /Six 1.5V dry cells
Temperature	Automatic(Room temperature)
Working Principle	Resistance Measurement
Size	450x250x330 mm. approx
Weight	22.5 kg approx(without accessories)



# MILLGRAIN MACHINERY INDUSTRIES

## SEED GERMINATOR

### MG 319

### Seed Germinator (Single Chamber)



#### SEED GERMINATOR (Single Chamber)

- Used for germination of seed samples.
- Fully programmable for light, temperature and humidity.
- Digital Display of temperature and humidity.

#### SPECIFICATION

- Temperature Range - 5°C to 45°C
- Accuracy (temp.  $\pm$  1%, Humidity  $\pm$  5%)
- Humidity  $\pm$  ambient to 90% RH
- Double Wall (Inner Chamber Stainless Steel Outside MS coated)
- Micro Controller based temperature and humidity controller

MODEL	SIZE (in cm)	Capacity
MG - 319A	50x41x83	6 Cu. Ft/170 Ltrs.
MG - 319B	56x56x86	10 Cu. Ft/280 Ltrs.
MG - 319C	65x56x90	12 Cu. Ft/336 Ltrs.
MG - 319D	70x65x90	15 Cu. Ft/442 Ltrs.



# MILLGRAIN MACHINERY INDUSTRIES

## SEED GERMINATOR

### MG 320

### Seed Germinator (Double Chamber)



#### SEED GERMINATOR (Double Chamber)

- Used for germination of seed samples.
- Fully programmable for light, temperature and humidity.
- Digital Display of temperature and humidity.

#### SPECIFICATION

- Temperature Range - 5°C to 45°C
- Accuracy (temp. ± 1%, Humidity ± 5%)
- Humidity ± ambient to 90% RH
- Double Wall (Inner Chamber Stainless Steel Outside MS coated)
- Micro Controller based temperature and humidity controller

MODEL	SIZE (in cm)	Capacity
MG - 320A	50x41x83	6 Cu. Ft/170 Ltrs.
MG - 320B	56x56x86	10 Cu. Ft/280 Ltrs.
MG - 320C	65x56x90	12 Cu. Ft/336 Ltrs.
MG - 320D	70x65x90	15 Cu. Ft/442 Ltrs.



# MILLGRAIN MACHINERY INDUSTRIES

## GERMINATION ROOM



### SEED GERMINATOR (Double Chamber)

- Used for germination of seed samples.
- Fully programmable for light, temperature and humidity.
- Digital Display of temperature and humidity.

### SPECIFICATION

- Temperature Range - 15°C to 50°C.
- Accuracy (temp.  $\pm$  2%, Humidity  $\pm$  5%).
- Humidity  $\pm$  ambient to 90% RH.
- Micro Controller Based temperature and humidity Controller.
- Fully Insulated inner walls of germination room.



# MILLGRAIN MACHINERY INDUSTRIES

## WEIGHING SOLUTIONS

### Platform Scale



#### Features:

- Measure Method : Automatic
- Accuracy : 0.01kg
- Display Type : LCD
- Capacity : 30–300kg
- Material : Carbon Steel

### Counter.Weighin Scale



#### Features:

- Capacity : Available from 1 kg. to 40kg.
- Plate Size : 250 x300mm
- Top Features : Piece counting, Check weighing & Liter Facility
- Standard Display : Front, Rear or Pole
- Auto Off Function for battery backup

### Lab.Weighin Scale



#### Features:

- Available in : 300g, 600g, 1000g
- Readability : 0.01g
- Top features:
  - Remote display
  - Piece counting
  - Percentage weighing
  - Easy to calibrate



# MILLGRAIN MACHINERY INDUSTRIES

## Weighing Bridge Indicators



### Features:

- ◆ Measure Method : Automatic
- ◆ Accuracy : 0.01kg
- ◆ Display Type : LCD
- ◆ Capacity : 30–300kg
- ◆ Material : Carbon Steel

## Weighing Bridge



### Features:

- ◆ High operational accuracy
- ◆ High efficiency, Reliable operations
- ◆ Ensures highly durable compared with conventional model/structures
- ◆ Without maintenance repeated auto re-setting operation
- ◆ Electronic weight indicator makes work cheaper, faster simpler and it's user-friendly.
- ◆ The system allow the entry of Supplier, Vehicle, Material, and shift details



# MILLGRAIN MACHINERY INDUSTRIES

## SEED LAB EQUIPMENTS

### SEED COUNTER



#### Features:

- Programmable stop to compensate for any In - flight Error due to the motion of the seeds.
- Memory for seed parameters such as seed name, seed size, lot no, lot seed count and power level up to 99 commodities.

### HOT AIR OVEN



#### Features:

- Triple walled in construction.
- Door gasket provided is made of Food Grade Silicon
- Installed with motorized blower at the top for uniform air circulation.
- Unit works on 230 V Ac, 50 Hz.
- Microprocessor based AUTO TUNING PID Digital
- Temperature Indicating Controller to set temp.
- High Temperature Safety cut off provided.
- Rod type Shelves provided are made of Stainless Steel.

### SEED MOISTURE METER



#### Features:

- Range : 8.5% to 40%
- Accuracy : + 0.2%
- Display : Seven Segment Display
- Power : Adaptor(230 V,50HzACto 9V,1000mA DC) /Six 1.5V dry cells
- Temperature : Automatic(Room temperature)
- Working Principle : Resistance Measurement
- Size : 300x170x260 mm. Approx



# MILLGRAIN MACHINERY INDUSTRIES

## SEED LAB EQUIPMENTS

### SEED DIVIDER RIFFLE/SOIL TYPE



#### Features:

- Robust & Compact Design.
- Supplied with pans, scoop & brush.
- Stainless Steel Body.
- Available in different No. of chutes.
- No Electric requirement..

### SEED DIVIDER (BOERNER TYPE)



#### Features:

- Over all Size : 38"x17"x43"(H x W x D)
- No. of Pockets : 38
- Hopper Capacity : 1 kg.
- Material : Body and Inner parts are made of either copper or brass

### ILLUMINATED PURITY WORK BOARD



#### Features:

- Over all Size : 38"x17"x43"(H x W x D)
- No. of Pockets : 38
- Hopper Capacity : 1 kg.
- Material : Body and Inner parts are



# MILLGRAIN MACHINERY INDUSTRIES

## RICE LAB EQUIPMENTS

### RICE HUSKER



#### Features:

- ◆ Specifications:
- ◆ Sample Capacity : 1000 gms
- ◆ Power : 0.5 H.P. Single Phase
- ◆ Dimensions : 715 x 335 x 795 mm (L x B x H)

### RICE POLISHER



#### Features:

- Grinding Wheel
- Sieves
- 0.5HP Motor of Single Phase
- Timer
- 220 V AC

### BROKEN SEPERATOR



#### Features:

- Capacity : 50 g/times
- Power(W) : 40W
- Voltage : 220V 50Hz
- Dimension: (L\*W\*H):340mm\* 200mm\*245mm



# MILLGRAIN MACHINERY INDUSTRIES

## SEED ANALYZER SOFTWARE



### Features:

- ◆ Advance color analysis software features to classify rice grain under foreign matter chalky, discolored, red grain, damage (manually entered) and green grain of rice with advance color calibration system

## VERNIER CALLIPER DIGITAL/ANALOG



### Features:

- Accurate scale
- Easy to use
- Highly durable
- These are appreciated for high end features such as durability, fine finish and excellent polish and are offered at the market leading prices. These precision engineered scales are light in weight and functions efficiently. Having flawless finish, these scales provide accurate readings and are designed according to application.

## RICE WHITNESS TESTER



### Features:

- Type : Digital
- Measuring Principal : Light Reflectance
- Measurement Value : Whiteness
- Measurement Range : 5.0 to 69.9
- Display Type : Fluorescent LED
- Dimension : 290(W)X185(H)X295(D)mm



# MILLGRAIN MACHINERY INDUSTRIES

## SEED PROCESSING MACHINES

### WOODEN SEED GRADER



#### Features:

- ◆ Measure Method : Automatic
- ◆ Power : 1/4 Hp
- ◆ Accuracy : 0.01kg
- ◆ Display Type : LCD
- ◆ Capacity : 30–300kg
- ◆ Material : Carbon Steel

### Seed Dryer



#### Features:

- ◆ High operational accuracy
- ◆ High efficiency, Reliable operations
- ◆ Ensures highly durable compared with conventional model/structures
- ◆ Without maintenance repeated auto re-setting operation
- ◆ Electronic weight indicator makes work cheaper, faster simpler and it's user-friendly.
- ◆ The system allow the entry of Supplier, Vehicle, Material, and shift details



# MILLGRAIN MACHINERY INDUSTRIES

## SEED PROCESSING MACHINES

### SEALING MACHINE



#### Features:

- ◆ We offer a wide choice of manual impulse sealers that produce and seal polythene bags of varied thicknesses.
- ◆ **HAND OPERATED with 1,90mm seal width**
  - 200mm Impulse Heat Sealer
  - 300mm Impulse Heat Sealer
  - 400mm Impulse Heat Sealer
  - 500mm Impulse Heat Sealer
  - 1000mm Impulse Heat Sealer
- ◆ **FOOT OPERATED HEAT SEALER with 4mm seal width**
  - 350mm Impulse Heat Sealer
  - 450mm Impulse Heat Sealer
  - 600mm Impulse Heat Sealer

### BAG CLOSER MACHINE



#### Features:

- ◆ Capacity : 250 to 300 bags per hour
- ◆ Power : 220-240v, 1.3 amps, 8000 rpm ac  
Motor also available with 110v ac motor
- ◆ Bag closing speed : 1800 stitch per minute
- ◆ Stitch length : 3 stitch per inch
- ◆ Types of bags : all kinds of multi wall paper, jute, burlap, cotton, hessain, woven, pp/hdpe bags
- ◆ Material thickness : up to 12 mm
- ◆ Lubricant : sae 10
- ◆ Weight : 5.1 kg



# MILLGRAIN MACHINERY INDUSTRIES

## AUTOMATIC WEIGHING SOLUTIONS

### AUTOMATIC WEIGHING MACHINE



#### Features:

- ◆ Capacity : 1KG to 10KG Bag Packaging
- ◆ Machine Type : Semi-Automatic, Manual
- ◆ Power : 1Phase/230V
- ◆ Our Machine dual Role, Digital Weigh Metric Filling machine Can Fill and Automatically Weigh with Load Cell , this Machine also know in market by name of Bag Filling machine and Bag Packaging Automatic Weigher

### PACKING MACHINE WITH CONVEYOR BELT



#### Features:

- ◆ Max Conveyor Load : 50 Kg
- ◆ Teflon Belt Length : 1000mm
- ◆ Conveyor Belt Width : 300 mm
- ◆ Heater: 230 volts tubular heaters(140mm)
- ◆ Sealing Motor: 0.5 HP Hindustan motor , delta drive (Geared Motor)
- ◆ Dimension(L x W x H)(mm) 1350(L) x 525(W)
- ◆ Max pouch size 3-8 inches
- ◆ Packing size: - 10 kg to 25 kgs

# MILLGRAIN



# MILLGRAIN MACHINERY INDUSTRIES

## PACKING MACHINE

### POUCH PACKING MACHINE



Products Filled : Powders, Granules, Pastes, Liquids, frozen and Processed Food

Containers Filled : Bags, Bottles, Jars and Boxes

Fill Accuracy : +/- 1 % or better

Fill Speed : 2-30 Fills/minute

Operation : Semi-automatic or can be integrated with conveyo

Size : 4' x 4' x 7.5'

Packing : Accurate sealing die with temperature control



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