Metrix+™
Innovative Excellence

GRAIN MOISTURE METER

MM-GC

Cup-type spring design for best accuracy

Measuring principle

The instrument adopts cup type measurement by measuring the electrical conductivity of the sample to measure its moisture content. The spring design ensures best accuracy.



Applications

It is used for accurate measurement of moisture in the process of allotment, acquisition, storage, machining of packed grains, feedstuff, powder.

Features

- It can measure up to 36 species of grains.
- The cup type spring measurement causes small error.
- Data storage and recall.
- LED indication for moisture content with user defined alarm limits.
- Statistics display of max, min and average value of readings.
- Automatic calibration, low battery indication and automatic power off.

Technical Specifications

Model	*Metrix+* MM-GC
Grains	36 species
Range	0 ~ 50%
Accuracy	±(0.5%n + 1)
Resolution	0.1
Display	4 digit backlit LCD
LED Indicator	Green LED represents a safe, air-dry state Yellow LED represents a borderline state Red LED represents a damp state
Statistics	Last Value/ Mean Value/ Max Value/ Min Value/ Number of readings
Memory	240 groups
Operating Conditions	Temperature 0 ~ 50°C; Humidity <90% RH
Power Supply	4 x 1.5V AAA (UM – 4) batteries
Dimensions	Main unit : 150 x 65 x 30mm ; Cup sensor : 115 x 66 x 66mm
Weight	520g(not including batteries)
Standard accessories	Main unit, sensor, carrying case, operation manual
Optional accessories	PC interface

Model and Specifications subject to change without notice.

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Grain Codes for **MM-G & MM-GC**

Below are the grain codes that can be selected for the relevant grain moisture measurement in digital grain moisture meter models MM-G & MM-GC**.**

Code	Grain	Range （%）
Cd01	Wheat/Rye (Whole)	7~31
Cd02	Wheat/Rye (Ground)	7~29
Cd03	Paddy (Whole)	7~29
Cd04	Paddy (Ground)	7~26
Cd05	Rice (Milled)	7~29
Cd06	Semolia	7~25
Cd07	Maize / Corn (Whole)	7~27
Cd08	Maize / Corn (Ground)	7~26
Cd09	Soya Beans (Whole)	6~28
Cd10	Soya Beans (Ground)	5~22
Cd11	Barley Oats (Whole)	7~34
Cd12	Barley Oats (Ground)	7~29
Cd13	Coffee (Whole)	7~31
Cd14	Coffee (Ground)	7~26
Cd15	Coffee Green (Ground)	7~27
Cd16	Cocoa Beans (Whole)	4~13
Cd17	Linseed (Whole)	6~21
Cd18	Lentils (Ground / Whole)	7~21
Cd19	Oilseed Rape (Ground)	5~26
Cd20	Mustard Seed (Whole)	7~21
Cd21	Sorghum / Milo (Whole)	7~31
Cd22	Sorghum / Milo (Ground)	7~29
Cd23	Sunflower Seed (Whole)	7~29
Cd24	Sugarbeet Seed (Whole)	7~26
Cd25	Flax (Whole)	7~29
Cd26	Peas (Progreta) (Ground)	7~25
Cd27	Peas (Ground)	7~27
Cd28	Ground Nuts Hulled (Whole)	7~26
Cd29	Grass Seed / Rye Grass (Whole)	6~28
Cd30	Grass Seed / Cocksfoot (Whole)	5~22
Cd31	Flour / Soft Wheat	7~34
Cd32	Clover / White Seed (Whole)	7~29
Cd33	Clover / Red lucerne Seeds (Whole)	7~31
Cd34	Buckwheat (Ground)	7~26
Cd35	Brassicas / Brussels Sprout (Whole / Ground)	7~27
Cd36	Beans / Tic / Winter (Ground)	4~13