Grain Moisture Meter

Affordable Model

MC-7821

Functional Model

MC-7825G

Statistical Model

MC-7828G

Model: MC-7821 (Affordable Model)
MC-7825G (Functional Model)
MC-7828G (Statistical Model)

Applications

Used for fast and accurate measurement of moisture in the process of allotment, acquisition, storage, machining of packed grains, feedstuff, powder.

Features

* The use of durable, long lasting components, including a strong, light weight ABS-plastic housing assures maintenance free performance for many years. The housing has been carefully shaped to fit comfortably in either hand.
MC-7821
* Able to measure the moisture of 4 kinds of grains. Can measure both moisture and temperature.
MC-7825G
* Can measure 36 kinds of grains.
* Digital display gives exact reading with no guessing or errors while a colour coded light (LED) indicates the moisture condition of the material. This combined presentation of moisture measurement helps the user to map the extent of problems and monitor changes in condition precisely and reliably.
* Automatic power off to conserve power.
* Apply USB, Bluetooth data output to connect with PC.
MC-7828G
* Can measure 36 kinds of grains.
* Digital display gives exact reading with no guessing or errors while a colour coded light (LED) indicates the moisture condition of the material. This combined presentation of moisture measurement helps the user to map the extent of problems and monitor changes in condition precisely and reliably.
* Automatic power off to conserve power.
* Apply USB, Bluetooth data output to connect with PC.
* Applies the cup measurement, reducing operating error.
* It realizes statistical function by displaying the Mean Value, Max. Value, Min. Value.
* Can store 240 groups of measurements.

Specifications

Model		MC-7821	MC-7825G	MC-7828G
Grains		4 Kinds	36 Kinds	22 Kinds
Display		LCD	LCD	LCD
LED Indicator		——	Green LED Represents a Safe, Air-dry State	
		——	Yellow LED Represents a Borderline State	
		——	Red LED Represents a Damp State	
Range	Moisture	8~20%	7~30%	0~50%
	Temperature	-10~55°C	——	——
Resolution		0.1	0.1	0.1
Battery Indicator		Low Battery Indicator	Low Battery Indicator	Low Battery Indicator
Auto Power Off		——	√	√
Accuracy	Moisture	±0.6% / ±0.8% / ±1%	±(0.5%n+1)	±(0.5%n+1)
	Temperature	±0.8°C	——	——
Operating Conditions	Temperature	0~50°C	0~50°C	0~50°C
	Humidity	< 80%RH	< 90%RH	< 90%RH
Power Supply		4x1.5V AA Size (UM-3) Battery	4x1.5V AAA Size (UM-4) Battery	4x1.5V AAA Size (UM-4) Battery
Dimensions	Main Unit	178x68x39mm	165x62x26mm	150x65x30mm
	Cup Sensor	——	——	115x66x66mm
Long Rod Sensor		368x44x25mm	368x44x25mm	——
Length of Rod		250mm	250mm	——
Diameter of Rod		8mm	8mm	——
Distance Between 2 Rods		17mm	17mm	——
Short Pin Sensor		——	157x44x44mm	——
Length of Pin		——	10mm	——
Diameter of Pin		——	0.7mm	——
Distance Between 2 Pins		——	3.5mm	——
Weight (Not Including Batteries)		420g	320g	520g
Standard Accessories	Main Unit	√	√	√
	Rod Sensor	√	√	——
	Cup Sensor	——	——	√
	Carrying Case	B01	B04	B04
	Manual	√	√	√
Optional Accessories		——	USB Cable with Software	USB Cable with Software
		——	Bluetooth Adapter with Software	Bluetooth Adapter with Software
		——	Short Pin Sensor	——

Grains, Codes & Range for MC-7825G

Code	Grain	Range	Code	Grain	Range
Cd01	Wheet / Rye (Whole)	7~31	Cd19	Oilseed Rape (Ground)	5~26
Cd02	Wheet / Rye (Ground)	7~29	Cd20	Mustard Seed (Whole)	7~21
Cd03	Paddy (Whole)	7~29	Cd21	Sorghum / Milo (Whole)	7~28
Cd04	Paddy (Ground)	7~26	Cd22	Sorghum / Milo (Ground)	7~26
Cd05	Rice (Milled)	7~29	Cd23	Sunflower Seed (Whole)	5~25
Cd06	Semolia	7~25	Cd24	Sugarbeet Seed (Whole)	6~20
Cd07	Maize / Corn (Whole)	7~27	Cd25	Flax (Whole)	5~21
Cd08	Maize / Corn (Ground)	7~26	Cd26	Peas (Progreta) (Ground)	7~27
Cd09	Soya Beans (Whole)	6~28	Cd27	Peas (Ground)	7~30
Cd10	Soya Beans (Ground)	5~22	Cd28	Ground Nuts Hulled (Whole)	5~13
Cd11	Barley Oats (Whole)	7~34	Cd29	Grass Seed/Rye Grass(Whole)	7~28
Cd12	Barley Oats (Ground)	7~29	Cd30	Grass Seed/Cocksfoot(Whole)	6~23
Cd13	Coffee (Whole)	7~31	Cd31	Four / Soft Wheat	7~29
Cd14	Coffee (Ground)	7~26	Cd32	Clover/White Seed(Whole)	6~24
Cd15	Coffee Green (Ground)	7~27	Cd33	Clover/Red lucerne Seed(Whole)	6~22
Cd16	Cocoa Beans (Whole)	4~13	Cd34	Buckwheat (Ground)	7~29
Cd17	Linseed (Whole)	6~21	Cd35	Brassicas/Brussels Sprout(Whole/Ground)	5~15
Cd18	Lentils (Ground / Whole)	7~21	Cd36	Beans/Tic/Winter(Ground)	7~25

Grains, Codes & Range for MC-7828G

Code	Grain	Range	Code	Grain	Range
Cd01	Wheat/Rye	0.5~70.0	Cd12	Peanut	0.5~71.5
Cd02	Maize/Corn 1	0.5~71.0	Cd13	Rape Seed	2.5~33.5
Cd03	Rice(Milled)	5.0~76.5	Cd14	Soybean Meal	1.0~73.0
Cd04	Paddy 1	2.5~65.5	Cd15	Rape Seed Meal	2.0~50.0
Cd05	Paddy 2	0.5~60.5	Cd16	Sun flower Seed	3.5~30.0
Cd06	Soya Bean	5.0~33.5	Cd17	Watermelon Seed	2.5~29.0
Cd07	Coffee Bean	5.0~33.5	Cd18	Cotton Seed	5.0~47.0
Cd08	Coco Bean	5.0~33.5	Cd19	Cotton Seed Meal	1.5~48.0
Cd09	Barley/Oats	3.0~58.0	Cd20	Maize Corn 2	3.0~61.5
Cd10	Sorghum/Milo	2.0~46.0	Cd21	White Wheat	1.5~50.5
Cd11	Sesame	6.0~41.0	Cd22	Granulated Feed	0.5~64.5