

Grain Moisture Tester
Model PM-650
(version6501)

*Fast, Accurate, and Easy to Operate
Many Measurement Applications*



Grain Moisture Tester Model PM-650

Kett has developed a variety of highly successful moisture testers for portable use. The PM-650 is the latest in our product line and is indispensable for the grain, seed, and coffee industries.

The PM-650, version 6501 is a general purpose instrument for worldwide use. It will measure a wide variety of applications including wheat, corn, sunflowers, hazelnuts, coffee, tea. etc. Up to 150 applications may be installed.

• Quick & Easy Operation



Select product number

Press [MEA.] key and pour sample

The moisture content is displayed

• Wide Measurement Range

The PM-650 can measure the moisture content in grain and seed samples between 1-40% depending on the grain and the PM-650 version.

• Automatic density and temperature correction

The capacitance principle is affected by both density and temperature. The PM-650 includes an integrated scale and thermistor to automatically compensate for variation in both, ensuring accurate moisture measurement each time.

• Sample density (g/l) is provided

The PM-650 automatically calculates the sample density (sample weight/volume).

• Printer and data output options

The PM-650 can be connected to an optional thermal printer or PC.

• Stable load cell

Improvements in the load cell provide even better weight measurement stability when compared with our earlier models.

Specification : version 6501

Measuring principal	Capacitance (Dielectric) (50MHz)
Measurement range	1-40% (sample dependent)
Precision	Standard error of 0.5% or less versus drying method (all samples with moisture content of less than 20%)
Sample volume	240mL
Operating temp. range	0-40°C
Functions	Automatic weight correction, Automatic temp. correction, Auto-power off, Auto-display for battery level icon, Average
Display	Digital LCD
Power supply	Batteries(1.5V alkaline "AA" size x 4)
Power consumption	240mW
Dimensions & weight	125(W) x 205(D) x 215(H) mm, approx.1.3kg
Standard Accessories	Funnel, Manual Hopper(Sample Cup), Brush, Batteries(1.5V Alkaline AA x4), Operating Manual

Application List (No. / App. / Range) : version 6501

01 Broccoli Small Size	4-20	76 FISH MEAL	2-20
02 Cabbage Large Size	1-20	77 MUSTARD	4-20
03 Cabbage Small Size	1-20	78 BLACK PEPPER	4-20
04 Chinese Cabbage	4-20	79 FLAX SEED	6-20
05 Pak Choi	4-20	80 SAFFLOWER SEED	3-20
06 Radish Large Size	4-20	81 Beet	4-20
07 Radish Small Size	4-20	82 Vetch	4-20
08 Cucumber	4-20	83 Clover	4-20
09 Melon Large Size	4-20	84 Alfalfa (Medicago Sativa)	4-20
10 Melon Small Size	4-20	85 Parsley	4-20
11 Watermelon Small Size	4-20	86 Spinach	4-20
12 Summer Squash	4-20	87 Onion	4-20
13 CLOVE	6-20	88 Coronarium	4-20
14 Winter Squash	4-20	89 GROUND BARLEY	4-22
15 Cucurbita Ficifolia	4-20	90 Stock	4-20
16 Eggplant	4-20	91 Japanese Lawn-grass	4-20
17 Tomato Large Size	4-20	92 CHICK PEA	6-30
18 Carrot	4-20	93 CRASHED PEANUTS	1-20
19 Burdock	4-20	94 GRANOLA	2-16
20 Bunching Onion	4-20	95 CEREAL FLAKES	6-20
21 Pea	4-20	96 Soybeans	4-20
22 Bean	4-20	97 Broad Bean	4-20
23 Antirrhinum	4-20	98 Siberian pine	4-20
24 Aster	4-20	99 AMARANTHUS (Japan)	6-25
25 Calendula	4-20	A0 Taiwan PADDY (A)	6-25
26 Capsicum	4-20	A1 Taiwan PADDY (B)	25-40
27 Celosia	4-20	A2 Taiwan PADDY (C)	6-40
28 Coleus	4-20	A3 TAPIOCA CHIPS	7-20
29 Cosmos bipinnatus	4-20	A4 TAPIOCA PELLETS	7-20
30 Cosmos sulphureus	4-20	A5 TAPIOCA FLOUR (B)	7-20
31 Dianthus barbatus	4-20	A6 TAPIOCA FLOUR (W)	7-20
32 Marigold	4-20	A7 MILLETS	6-25
33 Morning Glory Early Call	4-20	A8 BARNYARD MILLET	6-25
34 Pansy	4-20	A9 PROSO MILLET	6-25
35 Petunia	4-20	B0 AMARANTHUS (India)	4-20
36 Primula polyantha	4-20	B1 PEARL MILLET	4-20
37 Salvia	4-20	B2 Muskmelon	4-20
38 Vinca	4-20	B3 LADY FINGER	4-20
39 Zinnia	4-20	B4 Bitter Gourd	4-20
40 Wild Sesame	4-15	B5 Cauliflower	4-20
41 WHEAT	6-40	B6 Bottle Gourd	4-20
42 CORN	6-40	B7 Chilis	4-20
43 SOYBEANS	6-30	B8 Coriander	4-20
44 BARLEY	6-40	B9 Cotton	4-20
45 RYE	6-30	C0 SWEETCORN	4-20
46 OATS	6-30	C1 Knolkhol	4-20
47 SORGHUM	6-30	C2 CLUSTERBEANS	4-20
48 CANOLA	6-30	C3 COWPEA	4-20
49 SUNFLOWER LARGE	6-30	C4 DOLICHOS	4-20
50 SUNFLOWER SMALL	6-30	C5 FIELDBEAN	4-20
51 RICE	6-20	C6 REDGRAM	4-20
52 PADDY LONG	6-30	C7 Ridge Gourd	4-20
53 PADDY SHORT	6-35	C8 SUNFLOWER MEDIUM	4-20
54 ACKERBOHNEN	6-30	C9 CRYSTALLINE	4-20
55 MUNG BEAN	6-30	D0 SOFT WEATH	4-20
56 TRITICOSECALE	6-30	D1 INSTANT RICE	4-20
57 GREEN LENTIL	6-30	D2 DRY BEET PULP (EUROMIX)	3-15
58 RED LENTIL	6-30	D3 DISTILLERS DRIED GRAIN with SOLUBLES	6-20
59 CORN COB MEAL	4-40	D4 TEFF	8-25
60 ALMOND	2-18	D5 BUCKWHEAT	6-30
61 PEANUTS	4-20	D6 TATARY BUCKWHEAT	5-30
62 HAZELNUTS	4-15	D7 TATARY PERBOILED BUCKWHEAT	5-25
63 PISTACHIONUTS	4-20	D8 TATARY BUCKWHEAT FLOUR	5-25
64 CACAO	4-30	D9 WHOLE PUPA OF SILKWORM	4-20
65 DRY CHERRY COFFEE	4-40	E0 PEARL BARLEY	6-40
66 GREEN COFFEE	4-30	E1 PEARL BARLEY (HULLED)	6-20
67 ROAST COFFEE	1-20	E2 TEA (O.P.)	1-20
68 PARCHMENT COFFEE ARABICA	4-40	E3 TEA (B.O.P., DUST)	1-20
69 PARCHMENT COFFEE ROBUSTA	4-40	E4 GREEN TEA	1-40
70-73 : N/A		E5 OO-LONG TEA (LOW)	1-20
74 FLOUR (LOW PROTEIN)	8-20	E6 OO-LONG TEA (HIGH)	20-45
75 FLOUR (HIGH PROTEIN)	8-20	E7 ROAST CACAO	1-8



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Management system enhancement department of the Japanese Standards Association (JSA) registers the Quality Management System of the above organization, with conform to JIS Q 9001, ISO 9001.

The scope of the registration.

Design, development and production management, calibration and repair of Moisture testers, NIR composition analyzers, Grain inspectors and Coating thickness testers.

Contact