

**Kett**

SCIENCE OF SENSING

# PM-600

## Seed and Grain Moisture Tester



**KETT ELECTRIC LABORATORY**

# PM-600 Seed and Grain Moisture Tester

Fast! / Reliable! / Simple to operate! / Competitively priced!



## Special Features

### The Perfect Reliable.

The PM-600 is handheld but has striking functions. Since founded in 1946, Kett has developed various large selling moisture testers having good command of the highest technology. PM-600 is the best and indispensable for Seed and Grain industries.

### Calibration upto 99 available.

PM-600 can store upto 99 calibrations for seed and cereals. Product list can be supplied upon request.

### Unique function.

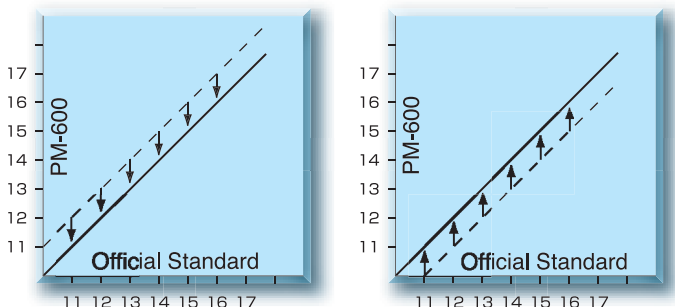
PM-600 has very unique functions. "Weight / Litter" function is helpfull for seed and grain trader to check weight per volume quite easily... "Average" can be made between two and nine test times by depressing the switch. Printing out can be available by optional printer (VZ-330)

### Wide measuring rengo.

Measuring range for most of Seed and grain samples is from 6 to 30%. additionally, Corn can be measured from 6 to 40 %, and 1 to 20% for processed tea..

### Easy bias adjustment.

For collecting the bias of the caiiibration compared to the official Standard, operator can easily make adjustment just ony depressing the code numbers.



## PM-600 Product List ( Model PM-600 Type PM-6040-3B)

| Product Number / Products / Measuring Renge |                           |      |    |                           |       |
|---|---------------------------|------|----|---------------------------|-------|
| 01  | Broccoli, Small Size      | 4~20 | 51 | RICE                      | 6~20  |
| 02  | Cabbage, Large Size       | 4~20 | 52 | PADDY, LONG               | 6~30  |
| 03  | Cabbage, Small Size       | 4~20 | 53 | PADDY, SHORT              | 6~30  |
| 04  | Chinese Cabbage           | 4~20 | 54 | ACKERBOHNEN               | 6~30  |
| 05  | Pak Choi                  | 4~20 | 55 | MUNG BEAN                 | 6~30  |
| 06  | Radish, Large Size        | 4~20 | 56 | TRITICOSECALE             | 6~30  |
| 07  | Radish, Small Size        | 4~20 | 57 | GREEN LENTIL              | 6~30  |
| 08  | Cucumber                  | 4~20 | 58 | RED LENTIL                | 6~30  |
| 09  | Melon, Large Size         | 4~20 | 59 |                           |       |
| 10  | Melon, Small Size         | 4~20 | 60 | ALMOND                    | 2~18  |
| 11  | Watermelon, Small Size    | 4~20 | 61 | PEANUTS                   | 4~20  |
| 12  | Summer Squash             | 4~20 | 62 | HAZELNUTS                 | 4~15  |
| 13  |                           |      | 63 | PISTACHIONUTS             | 4~20  |
| 14  | Winter Squash             | 4~20 | 64 | CACAO                     | 4~30  |
| 15  | Cucurbita Ficifolia       | 4~20 | 65 | RAW COFFEE                | 4~30  |
| 16  | Eggplant                  | 4~20 | 66 | GREEN COFFEE              | 4~30  |
| 17  | Tomato, Large Size        | 4~20 | 67 | ROAST COFFEE              | 1~20  |
| 18  | Carrot                    | 4~20 | 68 | PARCHMENT COFFEE          | 4~40  |
| 19  | Burdock                   | 4~20 | 69 | TEA (O.P.)                | 1~20  |
| 20  | Bunching Onion            | 4~20 | 70 | TEA (B.O.P., DUST)        | 1~20  |
| 21  | Pea                       | 4~20 | 71 | GREEN TEA                 | 1~40  |
| 22  | Bean                      | 4~20 | 72 | OO-LONG TEA (LOW)         | 1~20  |
| 23  | Antirrhinum               | 4~20 | 73 | OO-LONG TEA (HIGH)        | 20~45 |
| 24  | Aster                     | 4~20 | 74 | FLOUR (LOW PROTEIN)       | 8~20  |
| 25  | Calendula                 | 4~20 | 75 | FLOUR (HIGH PROTEIN)      | 8~20  |
| 26  | Capsicum                  | 4~20 | 76 | FISH MEAL                 | 2~20  |
| 27  | Celosia                   | 4~20 | 77 | MUSTARD                   | 4~20  |
| 28  | Coleus                    | 4~20 | 78 | BLACK PEPPER              | 4~20  |
| 29  | Cosmos, bipinnatus        | 4~20 | 79 |                           |       |
| 30  | Cosmos, sulphureus        | 4~20 | 80 |                           |       |
| 31  | Dianthus, barbatus        | 4~20 | 81 | Beet                      | 4~20  |
| 32  | Marigold                  | 4~20 | 82 | Vetch                     | 4~20  |
| 33  | Morning Glory, Early Call | 4~20 | 83 | Clover                    | 4~20  |
| 34  | Pansy                     | 4~20 | 84 | Alfalfa (Medicago Sativa) | 4~20  |
| 35  | Petunia                   | 4~20 | 85 | Parsley                   | 4~20  |
| 36  | Primula, polyantha        | 4~20 | 86 | Spinach                   | 4~20  |
| 37  | Salvia                    | 4~20 | 87 | Onion                     | 4~20  |
| 38  | Vinca                     | 4~20 | 88 | Coronarium                | 4~20  |
| 39  | Zinnia                    | 4~20 | 89 | GROUND BARLEY             | 4~22  |
| 40  |                           |      | 90 | Stock                     | 4~20  |
| 41  | WHEAT                     | 6~40 | 91 | Japanese Lawn-grass       | 4~20  |
| 42  | CORN                      | 6~40 | 92 | CHICK PEA                 | 6~30  |
| 43  | SOYBEANS                  | 6~30 | 93 | CRASHED PEANUTS           | 1~20  |
| 44  | BARLEY                    | 6~40 | 94 | GRANOLA                   | 2~16  |
| 45  | RYE                       | 6~30 | 95 | CEREAL FLAKES             | 6~20  |
| 46  | OATS                      | 6~30 | 96 | Soybeans                  | 4~20  |
| 47  | SORGHUM                   | 6~30 | 97 | Broad Bean                | 4~20  |
| 48  | CANOLA                    | 6~30 | 98 |                           |       |
| 49  | SUNFLOWER, LARGE          | 6~30 | 99 |                           |       |
| 50  | SUNFLOWER, SMALL          | 6~30 |    |                           |       |

Names of seed are given with initial capitals only.

## Specifications

|                     |   |
|---------------------|---|
| Measuring principle | Dielectric constant (50MHz)   |
| Applications        | Grain seeds and other agricultural products<br>(See "PM-600 Product List")                                      |
| Measuring range     | 1.0~40.0% (depends on products)   |
| Accuracy            | S.E.C 0.2~0.5% (for less than 20% moisture content)<br>S.E.C : Standard Error of Calibration                    |
| Capacity            | Sample weight : 20~200gr<br>Sample volume : 240mL   |
| Compensations for   | Weight : with built-in load cell<br>Temperature : with built-in thermistor<br>Bias : -9.9~+9.9%                 |
| Functions           | Weight / Liter, Memory-back-up, Average<br>Auto power off   |
| Display             | LCD   |
| Power supply        | Alkaline batteries (1.5V "LR6" × 4)   |
| Dimensions          | 130(W) × 185(D) × 210(H)mm  |
| Weight              | 1.5kg   |
| Accessories         | Funnel, Sample cup, Brush,<br>Alkaline batteries (1.5V "LR6" × 4)<br>Operating manual and "PM-600 Product List" |

● We reserve the right to make modifications without prior notice.

**Kett**

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0605-MA-0201-003K