

CHOPIN



QUALITY CONTROL OF WHEAT AND FLOUR ALVEOGRAPH NG

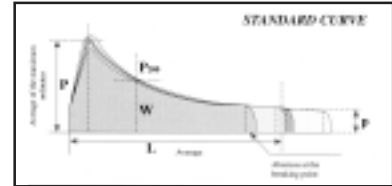
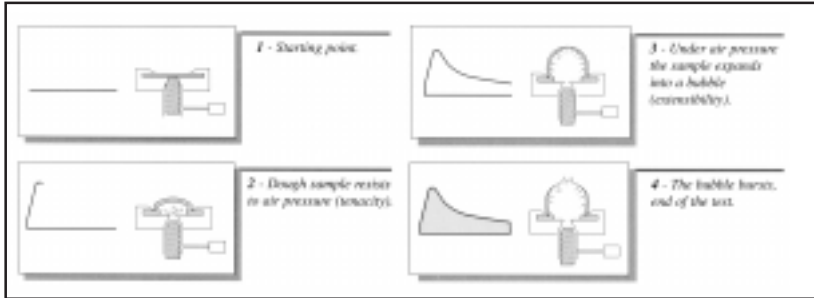
The Chopin Alveograph, the international reference for the determination of the quality of wheat and flour, measures the tenacity, extensibility and baking properties of wheat flour. It conforms to testing standards established by AFNOR, ISO, ICC and AACC.

Its principle is based on measuring the air pressure required to inflate a bubble of dough, which is prepared from flour, salt and water. The results are directly related to the action of the leavening on the small cells, known as alveoles, in the dough and thus provide a unique assessment of the properties of the flour in actual use.

The system consists of three parts: 1) A mixer for preparing a dough, 2) the Alveograph section used to inflate a small dough piece, and 3) a system to record the resultant curves. The standard system uses a water manometer; the Alveolink recorder/calculator, shown below, is offered as an option.

Method is approved as AACC method 54-30A and ICC Std. No.121 and is applied by bakers, millers and breeders to control quality characteristics of wheat flour. 220V, 1PH, 50 or 60Hz. Dims. 1.0m L x 0.6m D x 0.8m H. Bench space: 1.5m, Net wt. Mixer 39 Kg, Alveo 29 Kg. Ship wt. Mixer 46 Kg, Alveo 36 Kg.

Alveograph NG **No. ALVNG**



INTERPRETATION OF RESULTS
P: Tenacity of dough (max pressure)
L: Extensibility (length of curve)
W: Baking strength (area under curve)
P/L: Configuration ratio
Ie: Elasticity Index (P200/P) x 100

ALVEOGRAPH INFLATION CYCLE

ALVEOLINK NG



The Chopin Alveolink NG Calculator is the perfect complement to the Alveograph, reducing measurement time, storing up to 200 tests, and improving accuracy of measurement. The Alveolink NG replaces the standard manometer of the Alveograph NG. The average P, L, P/L, Ie and W values are automatically calculated as each bubble is completed and can be viewed or printed out with the color printer. Software for linking to PC based computers is also included, so it can serve as the link to your computer or network, transferring curve files in both graphic and spreadsheet data formats. The Alveolink NG can be connected to the past Alveograph models MA82, MA87, and MA95. Special built in software is also included with the Consistograph and Alveo-Consistograph systems. 220V, 1PH, 60Hz. Dims. Alveolink 0.33 L x 0.31 D x 0.25H, Printer 0.4 L x 0.22 D x 0.2 H. Combined net wt. 12 Kg. Ship wt. 27 Kg.

Alveolink NG **No. LINKNG**