

Pelletizing Press HP-P

FULLY AUTOMATIC SAMPLE PREPARATION FOR X-RAY FLUORESCENCE ANALYSIS

Fully automatic sample preparation for X-ray fluorescent analysis with all its advantages is made by HERZOG pulverizing mills and pellet presses in modular design. The automatic method of operation with program-controlled grinding and pressing processes achieves a clear improvement reproducibility in sample preparation and thus better analysis results.

HERZOG HP-P series pellet presses are the basis for the manufacture of stable pressed pellets. They offer the properties which are crucial for achieving the desired uniformity and density of each individual pressed pellet. The design of the pellet presses ensures a high degree of reproducibility in sample preparation. The design of the equipment and variability of the pressing parameters ensure uniform optimal quality of pressed pellets from all ground materials.

All the parameters which are important for the pellet pressing process such as total pressing force, incremental increase of the pressing force and pressure holding time can be preset. They are controlled directly, reliably and continuously via a program. Errors caused by incorrect handling or adjustment are now a thing of the past. Access to the program parameters is only possible using a password.

In the standard version of the press the counterpressure plate of the die is cleaned with a brush which rotates in alternate directions. As an option a Mylar film device effectively prevents material particles from becoming fixed to the counterpressure plate.

The design of the machines correspond to the current German accident prevention and VDE regulations. We reserve the right to make technical changes.



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