

RHEWUM PRECISION AIR JET SIEVE



LPS200K Precision Air Jet Sieve

Sieve analysis is an essential part of granular sizing technology. The procedure determines the size distribution of bulk material in a simple way.

On top of the sieve mesh, the air jets are redirected back through the sieve and the fines are transported into the collection system by the airflow. After the sieving cycle the remaining sample is weighed and the percentage retained/passing can be calculated.

The LPS200K is controlled by a micro-processor which also records data. The sieving time and rotor speed are indicated together with the negative pressure and the comparable gas stream volume, all operations being controlled by a five button menu guided control pad. Perfect for rugged and precise sampling during production or where laboratories are close to the production area. With an integral electrical connection

for vacuum cleaner up to 1.500W, 230v; connector flange for suction tube, plug-in connection diam 40 x 2mm. Rhowum test sieves are available, but either Christison or Endecott sieves may be used providing the option neoprene rubber 'O' ring is used.

The precision air jet sieve LPS200K is used for the determination of size distribution of fine particles down to 20 microns. Ideal if you're testing to the new standard BS EN 933-10:2001 (part 10: geometrical properties of aggregates 'Assessment of Fines - Grading of Fillers' by air jet sieving). Air is conducted through the sieve by a rotating slot, variable in speed from 0 - 45 rpm while the air jet deagglomerates the sample and keeps the sieve mesh from 'blinding'.