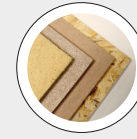# FIBERCAM100 – SCREENCAM100

TO MEASURE THE PERCENTAGE OF THE VARIOUS GRANULOMETRIES OF THE FIBERS AND PARTICLES

BEST IN CLASS FOR:

WOOD BASED PANELS:
PB/SPB
MDF/HDF

The application of optical technology permits an accurate measurement of the dimensions of the fibres (FIBERCAM100) and particles (SCREENCAM100), without ruining the material in any way (as happens with water systems), with elevated repeatability and rapid response times. The analyzing software, in conjunction with the numerous images taken, calculates the actual length (extension) and width of the fibres/particles even in cases where they are laid one over the other. Denser lumps, on the other hand, are not analyzed.

The result of each test is stored in the local database and may be consulted over the company network. In addition, the test results may be printed with the figures and the graph showing the granulometry distribution.

The impartial verification of test repeatability and/or comparison with previous tests, is made by placing one graph over the other by means of a simple set of menu choices.

It is equipped with an automatic cleaning system that is connected to an external vacuum cleaner.

Online versions are also available for measuring and processing the principal properties of the fibres/particles directly in the process, hence the measurements are virtually taken real time, it takes just about 3-5 seconds to reach the scanning unit.

MAIN FEATURES

• Accurate measurement of the true dimensions • Elevated repeatability • Test performed rapidly • Measurement easily conducted • Simulation of any number of sieves • Simple to use • Suitable for application on line (optional).
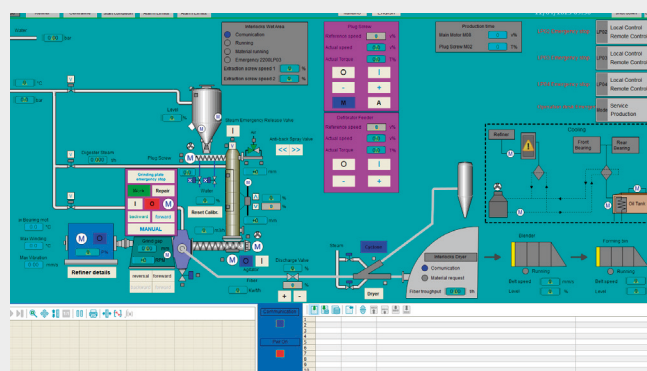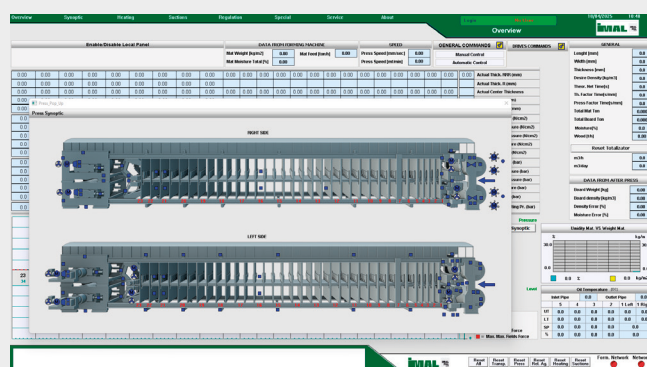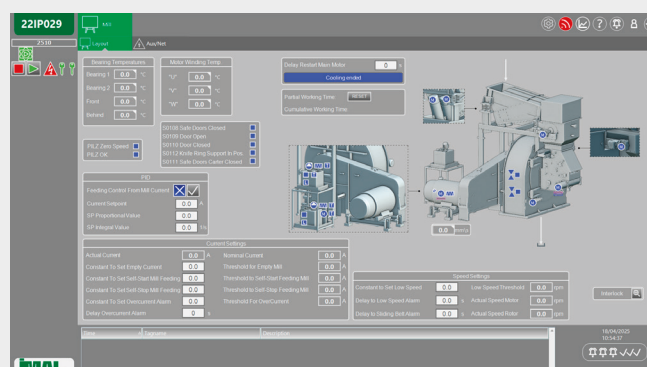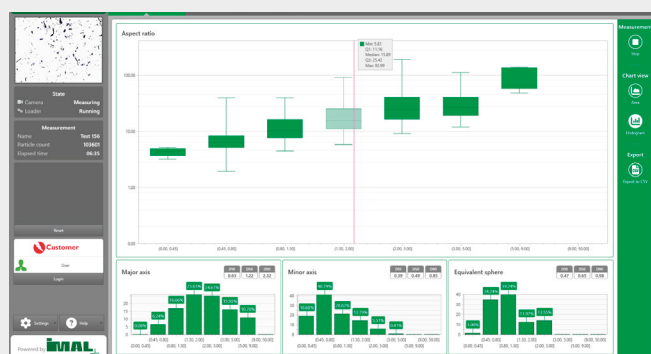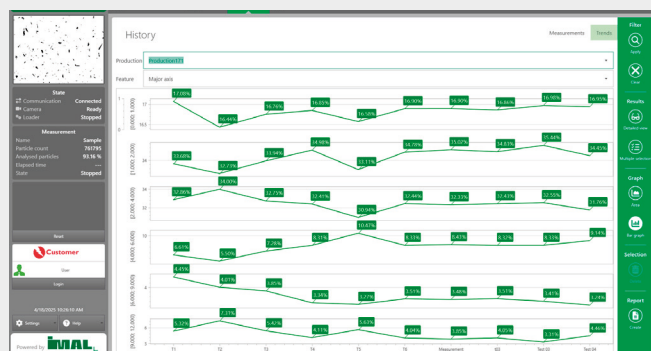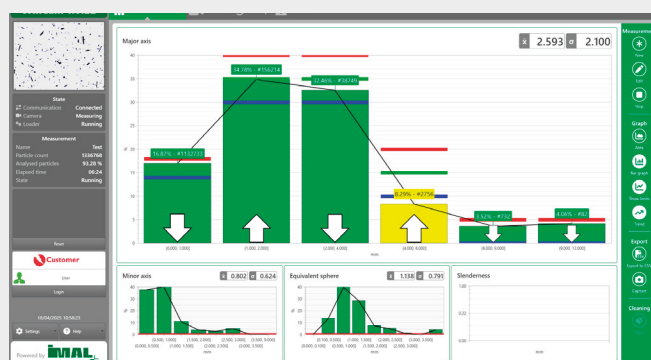
TECHNICAL DATA	
MEASURING RANGE FIBERCAM100	0.05 ÷ 30 mm
MEASURING RANGE SCREENCAM100	Two ranges available [0.10 ± 35mm] [0.25 – 70mm]
NO. OF SCREENS	up to 15 virtual sieves may be programmed
TEST TIME	< 2 min
REPEATABILITY	error < 1%
MAX SCANS	up to 800,000 image/min
CLEANED AUTOMATICALLY AFTER EACH CYCLE	yes