

SMART CONTROL



Today's product requirements are more challenging than ever. New processes and approaches are required especially for kitting, stacking and lay-up of preforms and/or composite parts. SMART Control is an automatic control solution to check in real time the conformity of the lay-up to the theoretical plan. There are currently on the market means of assistance to the lay-up (laser projection) but no solution of control of the lay-up in real time. SMART Control allows to make the lay-up more reliable and to correct it, thus reducing the number of scrapped parts.

It consists of a camera system with its lighting and plug & play software that allows control functions such as shape identification and recognition, fiber orientation control, ply positioning, gap and/or overlap detection as well as FOD and defect detection on composite materials.



