

Colour reference chart

for all *gke* Bowie-Dick-Simulation (BDS) Tests

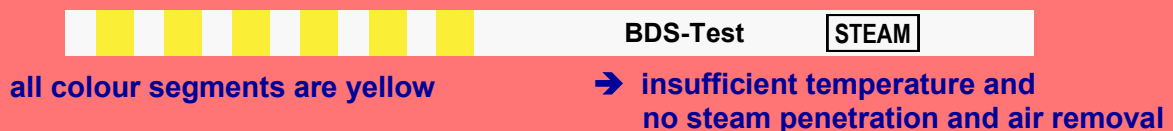
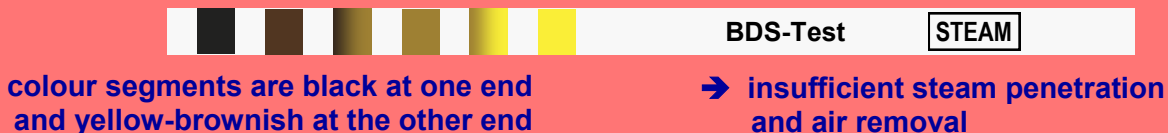
PASS RESULTS

A successful Bowie-Dick Simulation (BDS) Test proves rapid and even steam penetration. The result does not guarantee that all subsequent sterilization cycles achieve the same process conditions. Therefore a *gke* Batch Monitoring System (BMS) is recommended for all production cycles.



FAIL RESULTS

If the first Bowie-Dick Simulation Test fails – repeat the test. If the test continues to fail the sterilizer must be checked and, if necessary, repaired. Fail conditions may be due to various reasons (see note below). In that case sufficient steam penetration to all inner surfaces of the load may not be achieved.



Note

A failure of the BDS Test is not a conclusive proof that the fault is necessarily associated to the sterilizer itself (insufficient air removal or leakages), but may well be due to external causes such as unpurged steam pipes at the start of the process, non-condensable gases in the external steam supply or changing temperature of the cooling water. Therefore BDS Tests made in subsequent cycles may show different results.