

三维测量工程应用

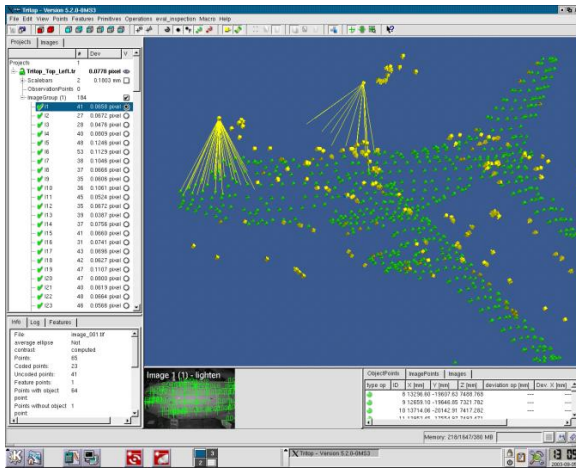
(一) 飞机扫描



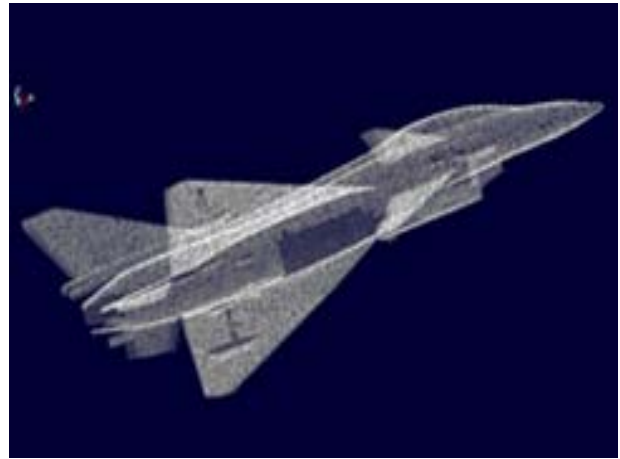
1. 飞机全景



2. 飞机表面处理，贴参考点、比例尺

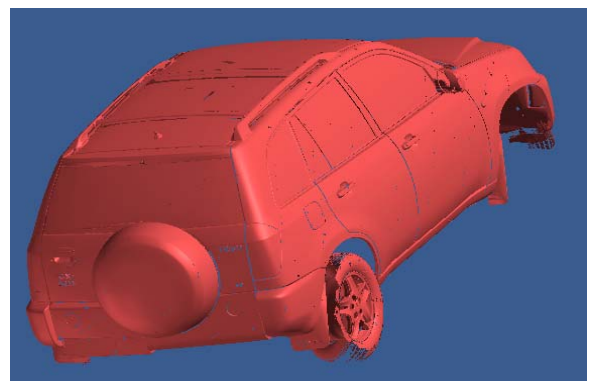
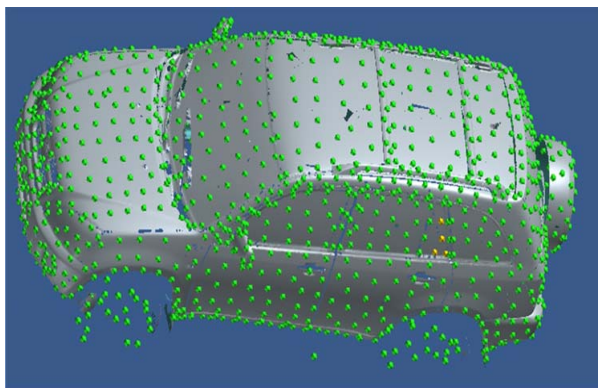


3. Tritop 软件计算，框架文件并输出

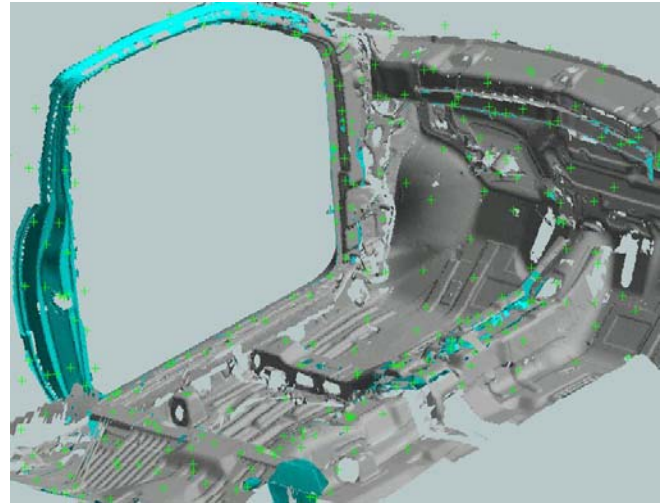
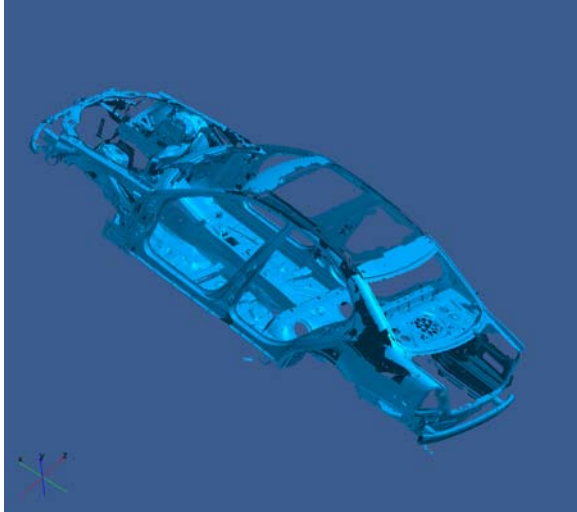


4. 精确扫描测量，并输出点云。

二、汽车测量



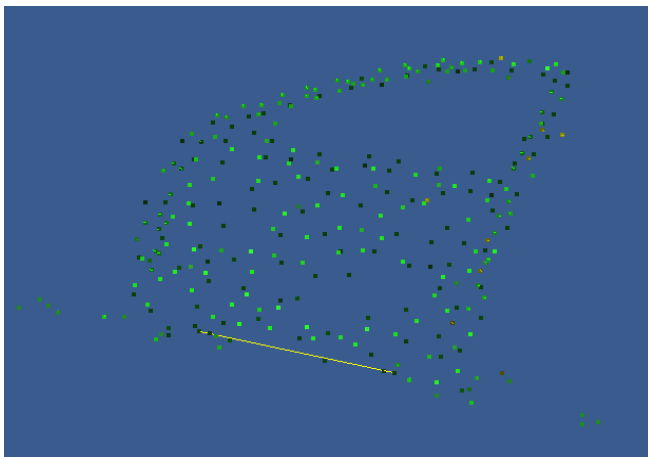
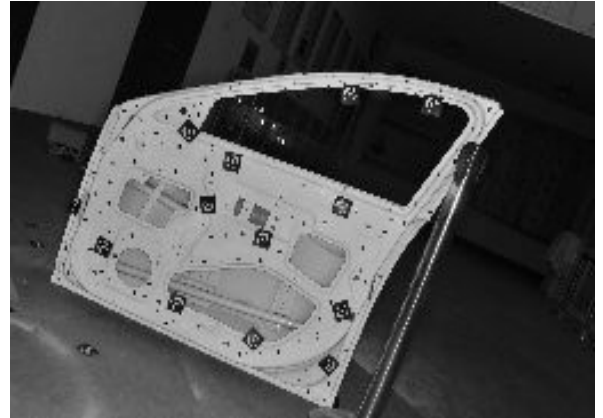
1. 汽车外表面的测量

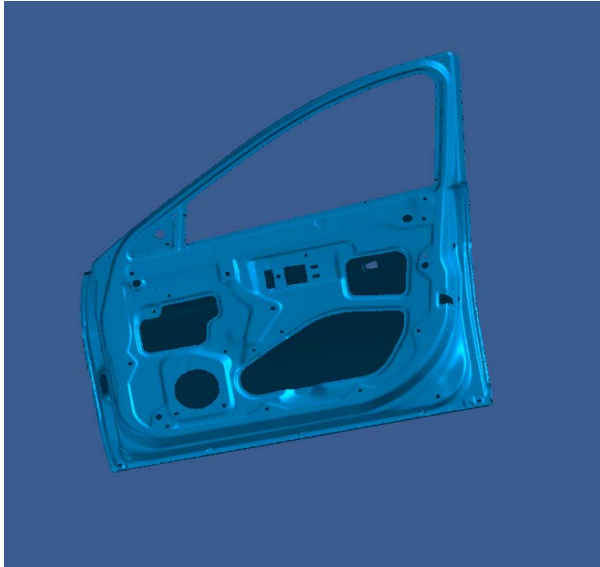


2.白车身测量

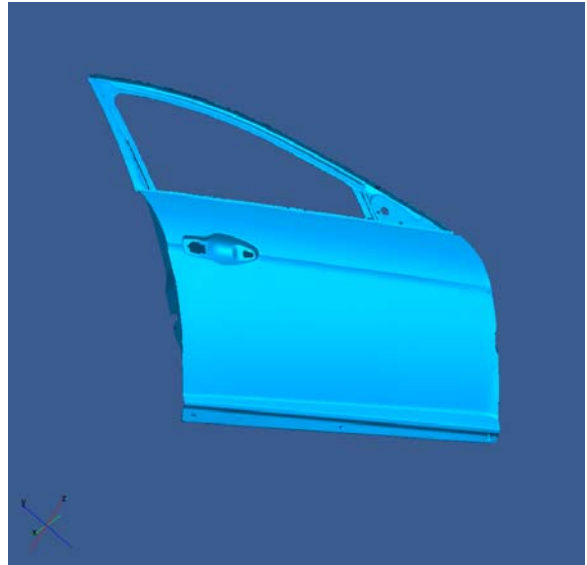
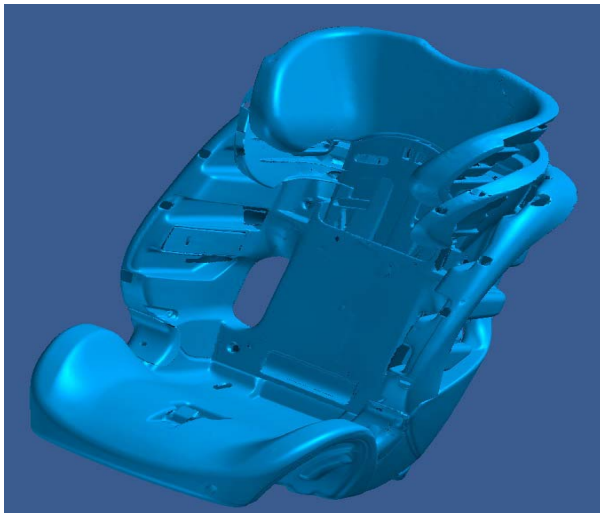
3.各零部件的测量

1)车门测量

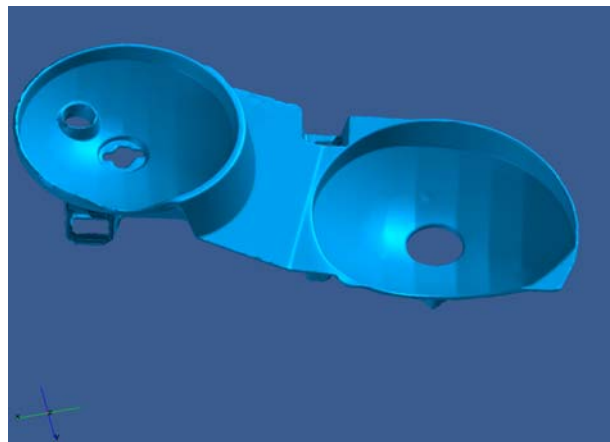
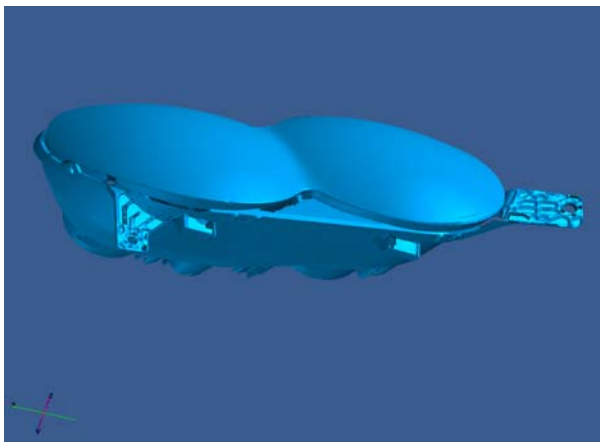
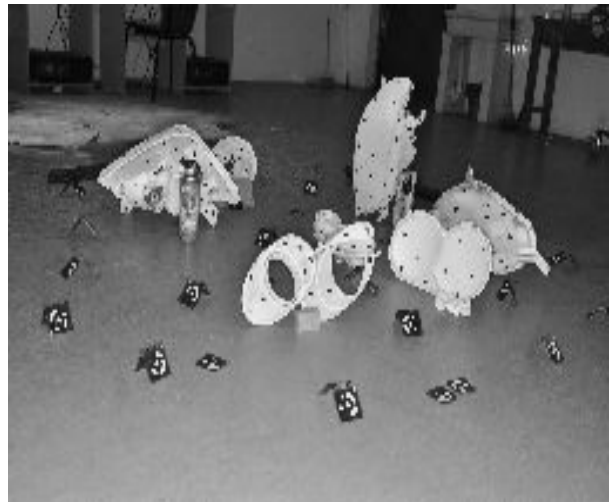


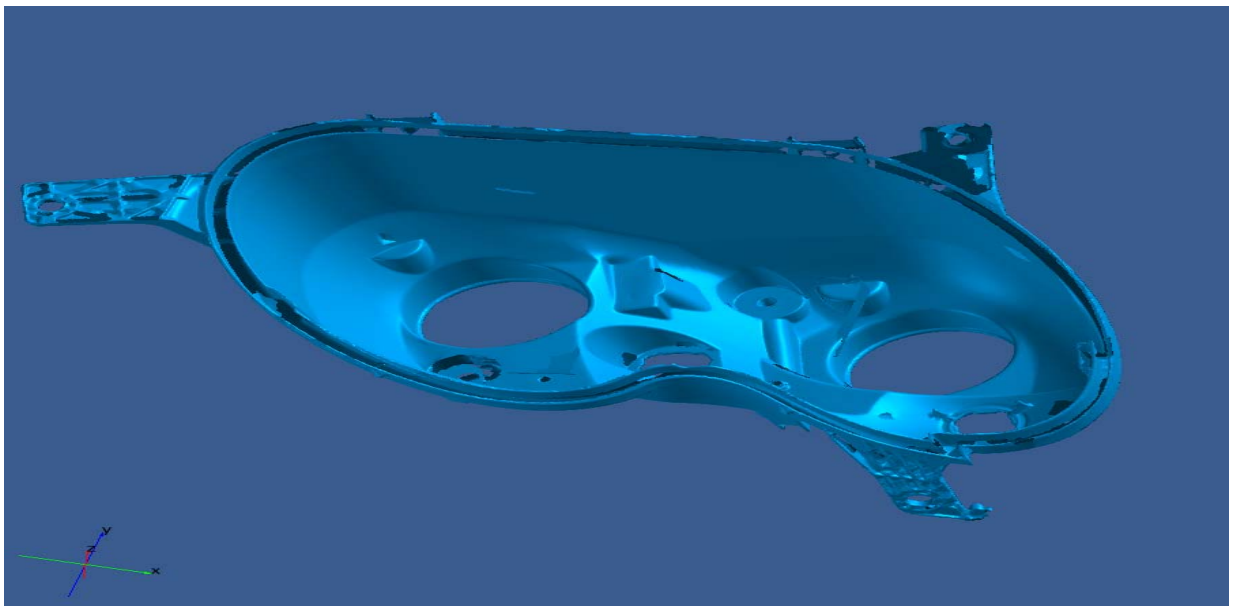
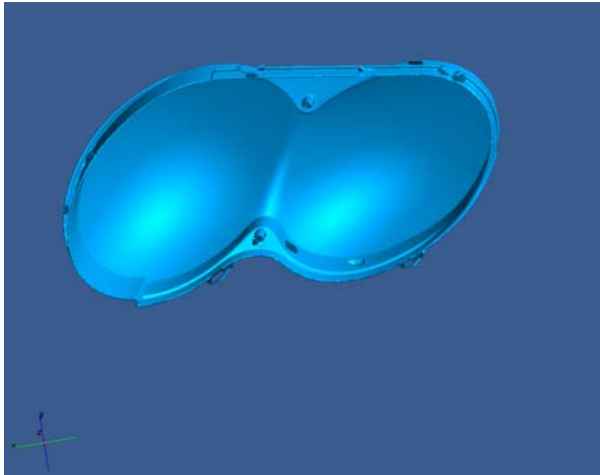


2) 儿童安全座椅

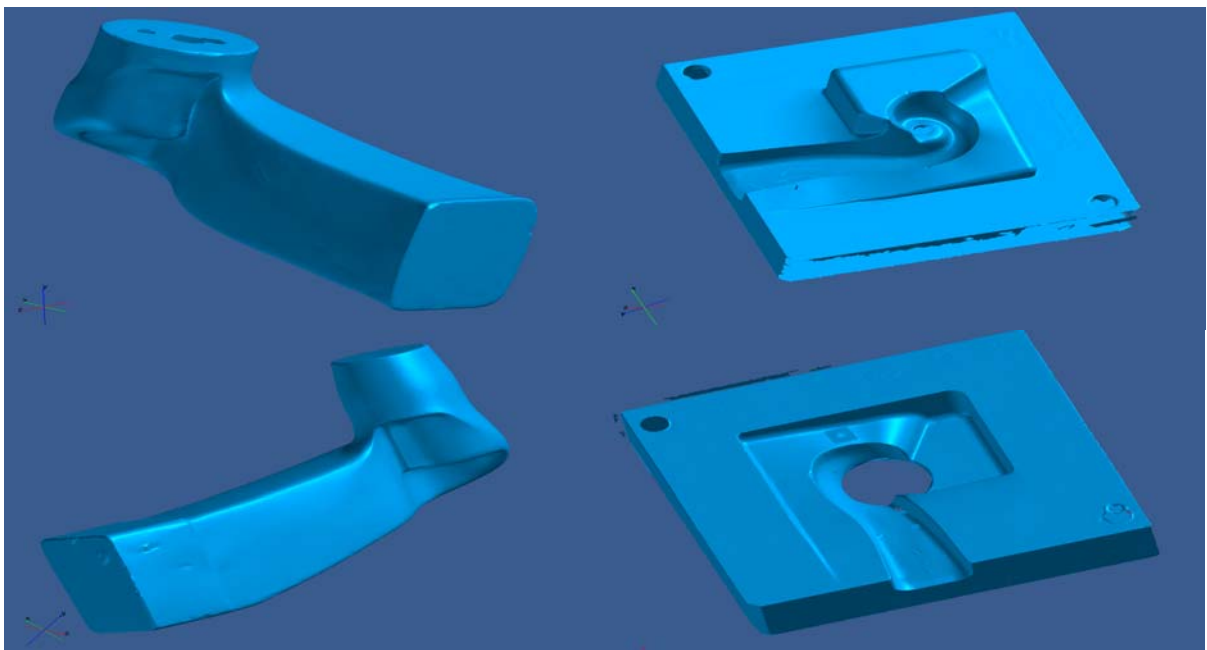


3) 车灯测量

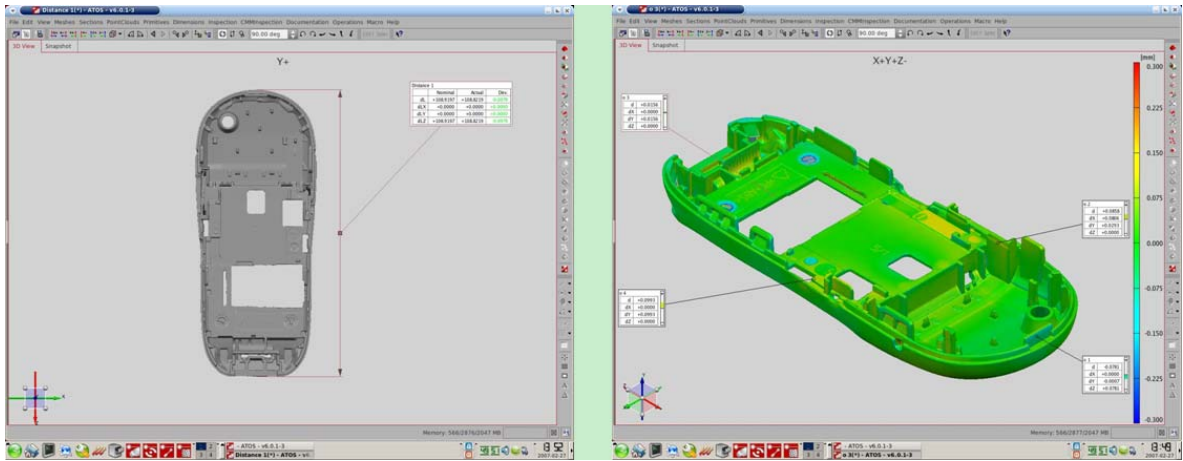




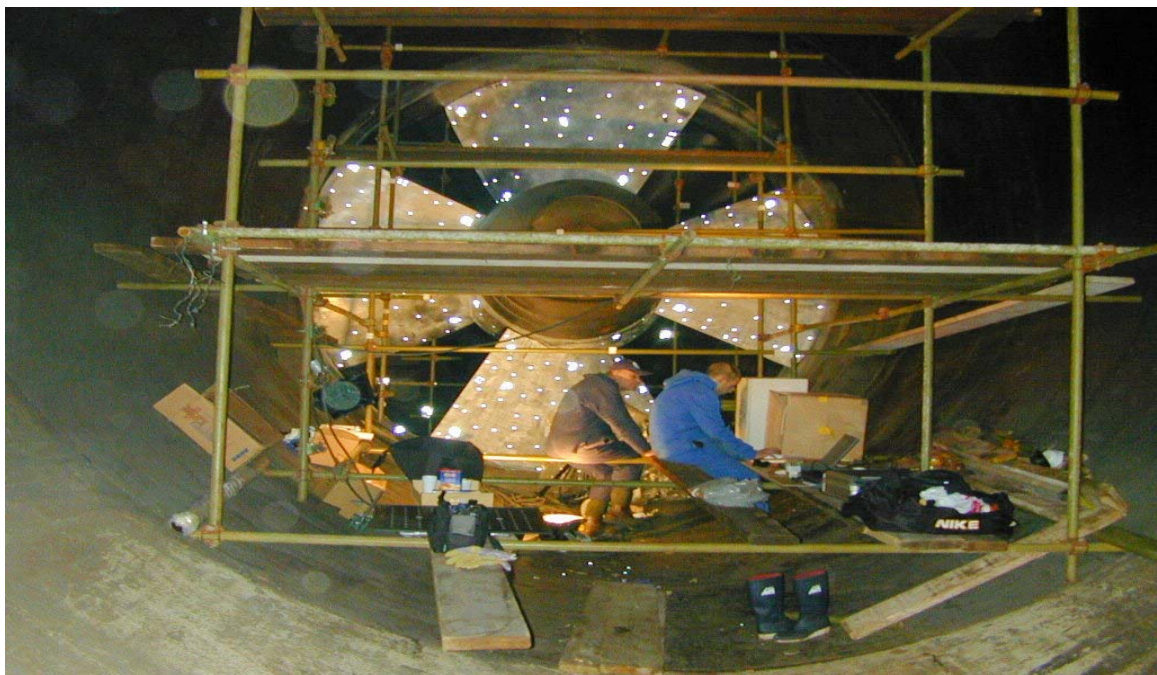
4) 发动机气道、气道盒的测量



5) 手机壳的测量分析



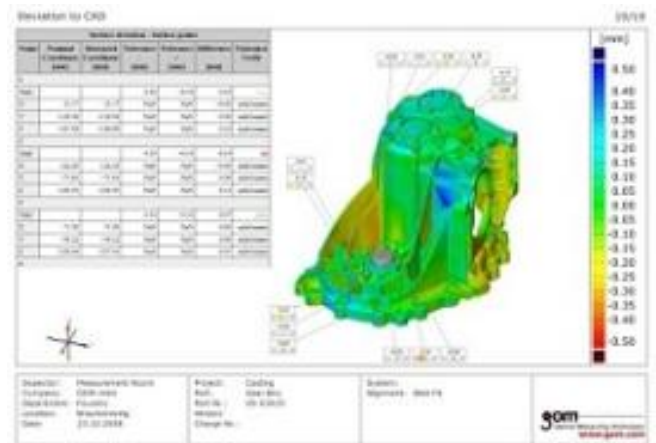
6) 水轮机涡轮扫描



7) 铸件的扫描测量及质量分析

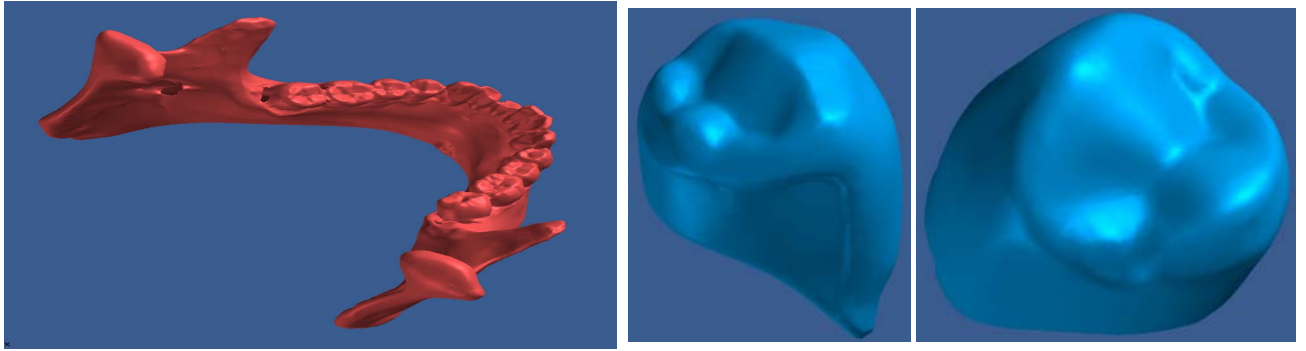


(1) 铸件扫描点云文件



(2) 点云与 CAD 数模比对, 生成检测报告

8) 人体种植牙齿、牙颌骨及义齿的测量及分析 (与某军医大学合作完成的项目)

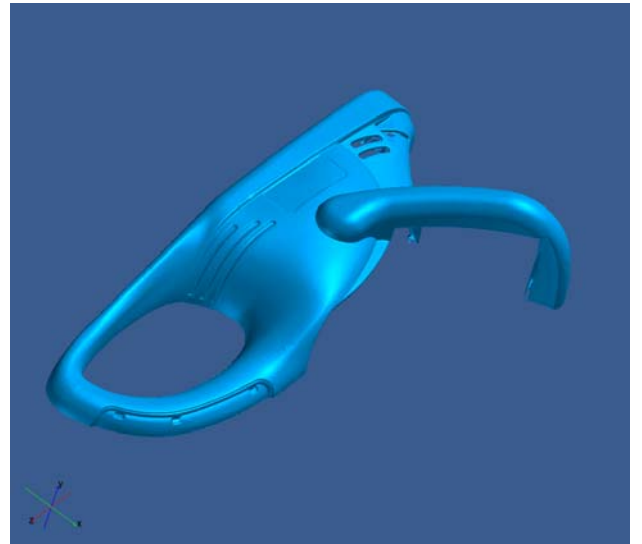


人体义齿的测量与义齿模具设计 (与某企业完成的项目)

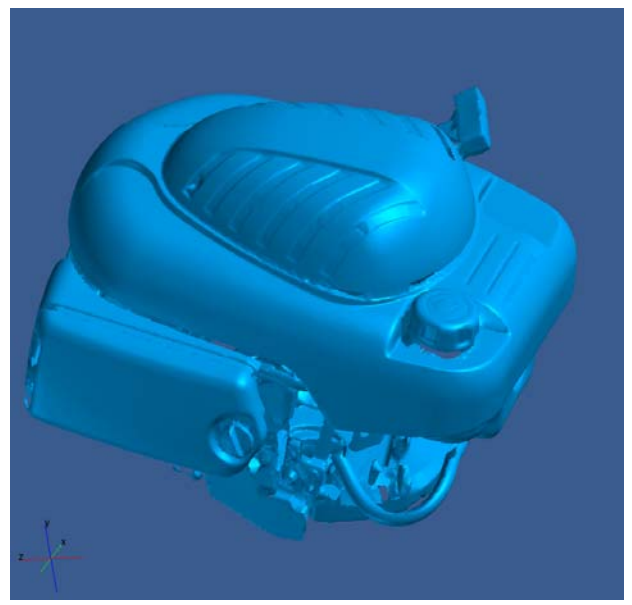
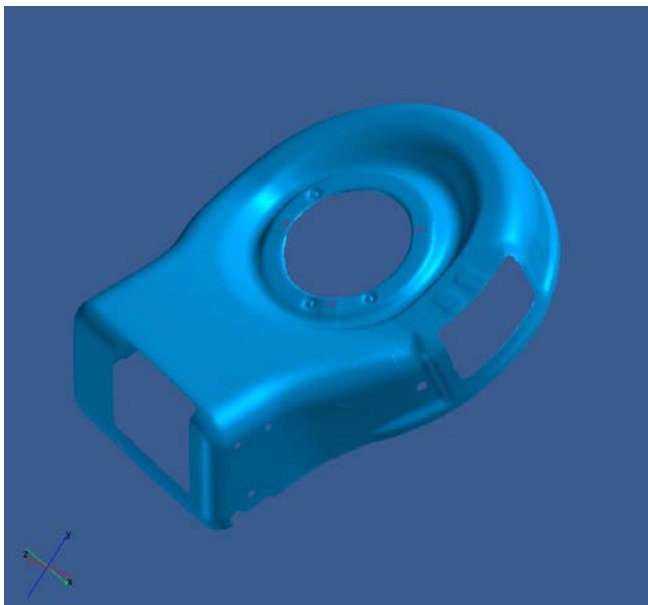
9) 电动工具、割草机测量与逆向设计 (合作企业的产品开发)

a) 电动工具外壳的测量与逆向设计

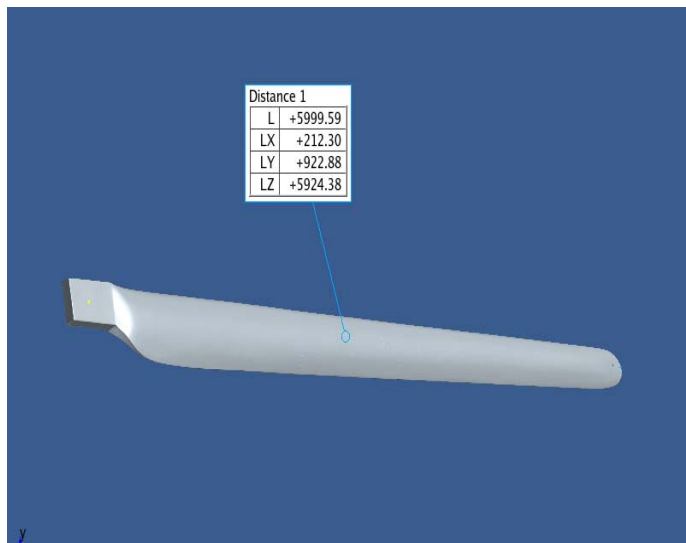
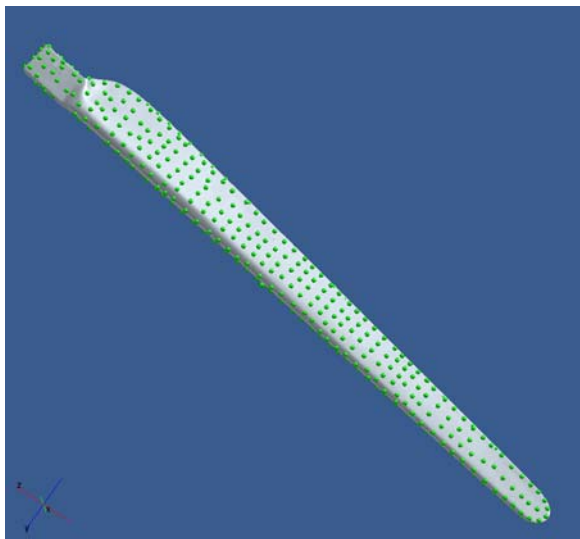
b) 自走式割草机的测量与逆向设计



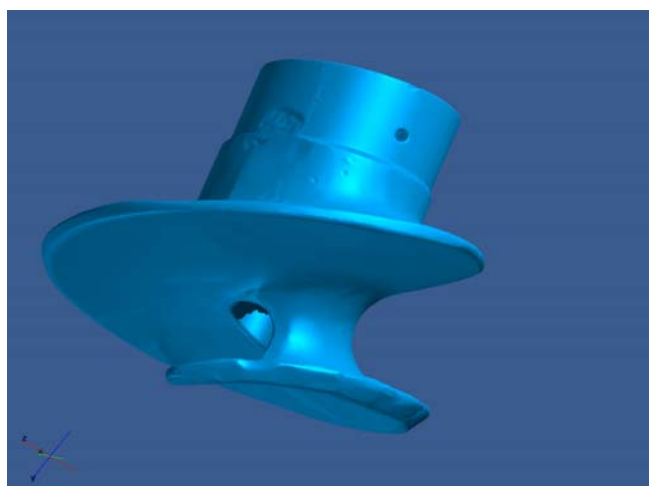
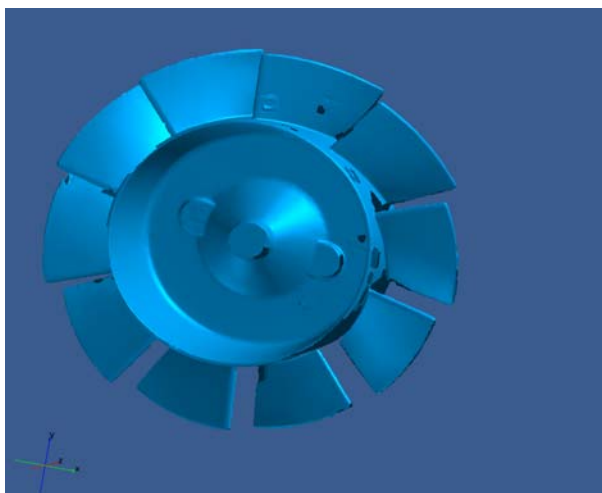
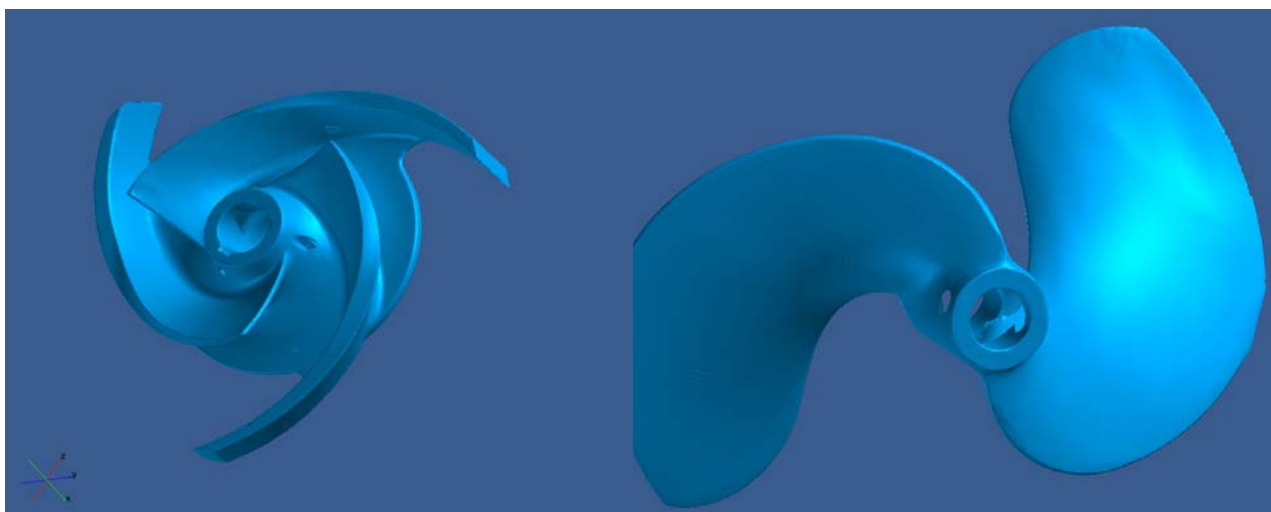
c) 割草机外壳及割草机发动机的测量



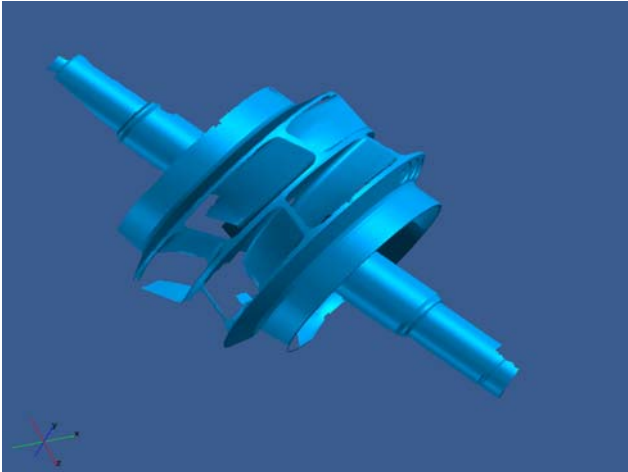
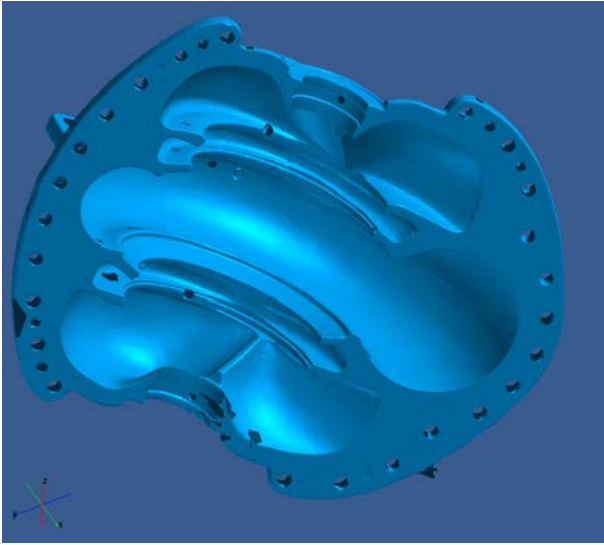
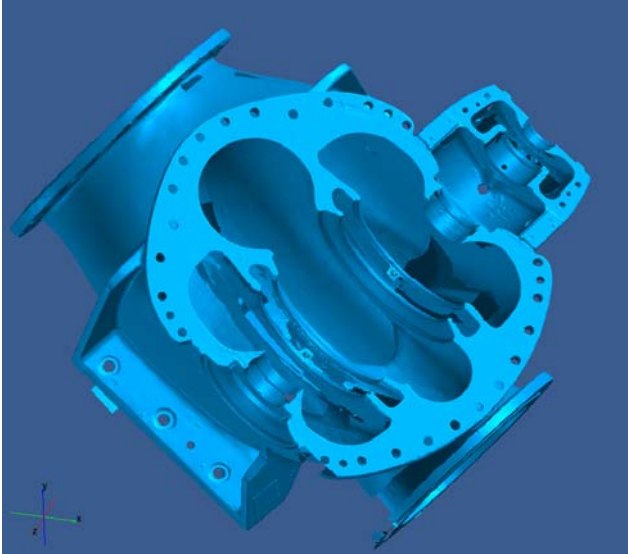
8) 风力发电机叶片的测量与逆向设计



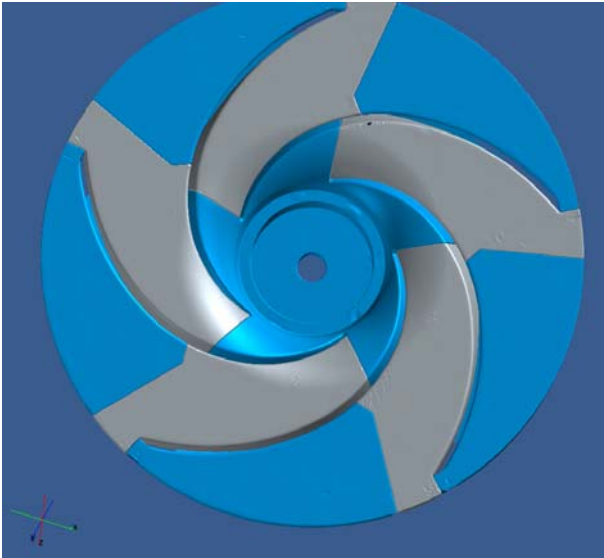
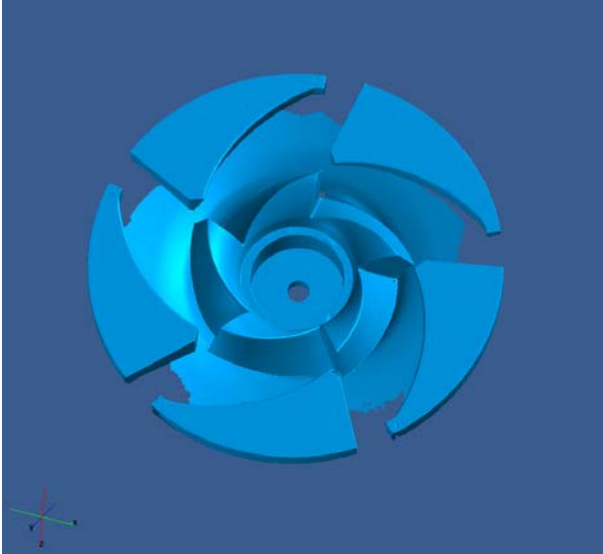
9) 各种叶轮测量与逆向设计

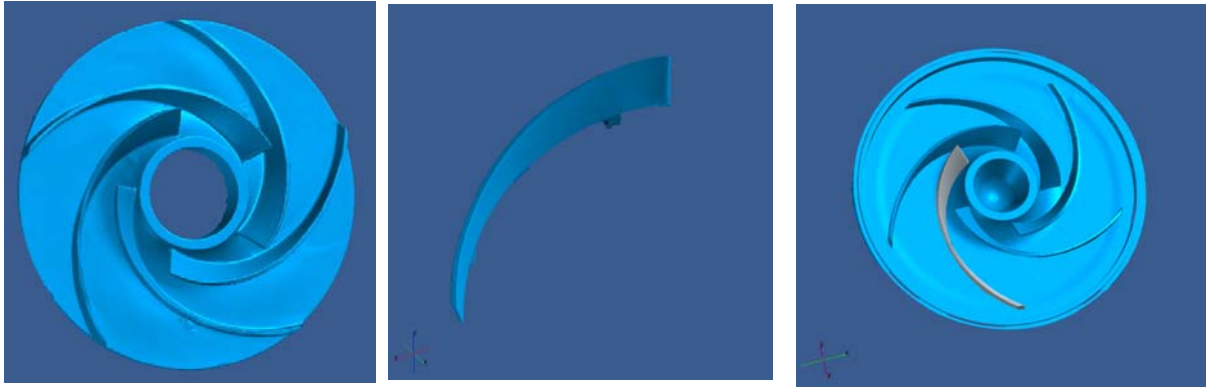


10) 水泵测量及逆向设计



11) 叶轮模具及叶轮产品的测量





12) 大型模具的测量



13) 工艺品测量

