

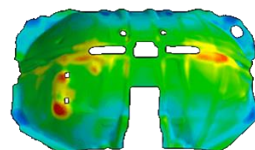
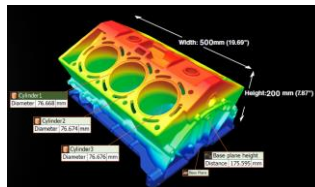
中端应用场景
Mid-end (mm)

高端应用场景
High-end (μm)

工业场景要求
(速度、精度、重复精度)
High industrial requirements
in terms of speed, accuracy & repeatability

3D抓取
3D robotic picking,
palletizing & depalletizing

3D尺寸形貌测量、表面缺陷检测
3D metrology (dimensioning) & inspection (defect)



自主研发高速、通用、可靠的软件平台 Patentable 3D metrology & inspection software platform

- 提供通用的机器人视觉检测功能
- 汽车零件尺寸、缺陷检测
- 组装件的装配检测
- 整车尺寸、表面缺陷检测
- 高端晶圆表面缺陷检测
- 先进封装缺陷检测
- 金线检测
- 电路板缺陷检测
- 提供人工关节表面缺陷检测及尺寸测量

工业机器人垂直市场
Industrial robot

汽车检测垂直市场
Automobile

半导体检测垂直市场
Semiconductor

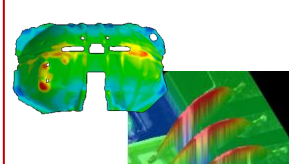
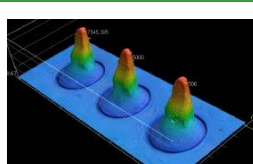
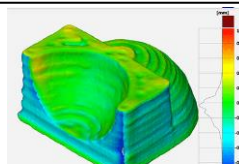
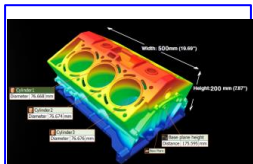
医疗检测垂直市场
Biomedical

几何尺寸和公差测量GD&T

对比式 Comparative measuring

几何测量 Geometry measuring

缺陷检测 Defect inspection



点云前处理模块
Pre-processing

3D几何提取模块
Geometry extraction

3D模型运算模块
Model operation

3D几何测量模块
Geometry measuring

3D深度学习模块
Deep learning module