

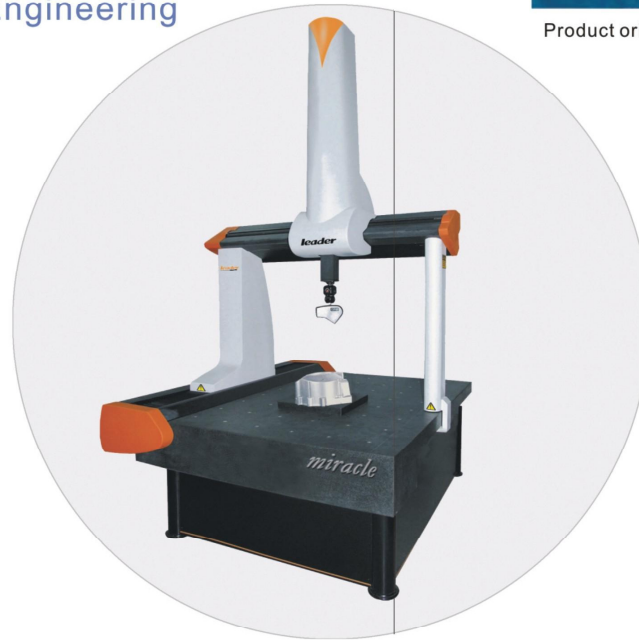
Leader Hiscanner

3D Laser Scanner -- best solution to Reverse Engineering

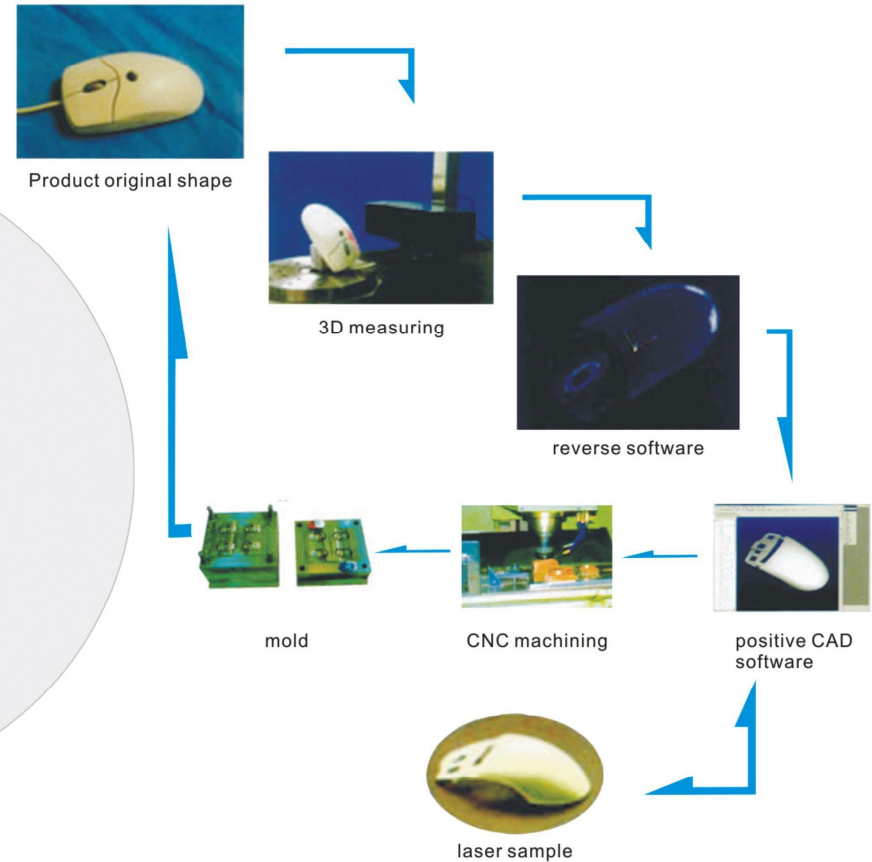
Put laser scanner probe on Leader' s all kinds CMMs to make a Laser Scanner, cooperating with contact CMM, it can do high speed, high accuracy laser scanning and inspection, it make Reverse Engineering never so easy.

Function features:

- High resolution, high accuracy, rapid non contact scanning
- Special filtration technology, measuring without effect of light
- Small laser scanner head ,can be assembled on PH10, MH8, manual rotatable shank.
- Take standard ball as calibration tool, easy to calibrate
- Can measuring any parts in the stated area.
- Can change to any direction in 3 D space, measuring same part from many angle, realize the complete inspecting of complicated parts, measuring data from different angle can be integrated together.

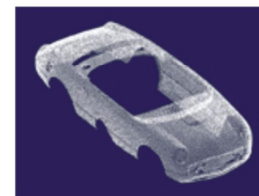


Typical Reverse Engineering

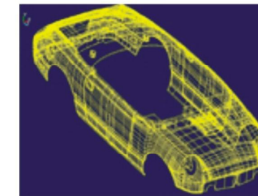


CCD	STYLE	Area array
	Pixel	768X576
	QUANTITY	1
Laser generator	Style	Semiconductor
	Power	1mW
	Center wavelength	650nm
Probe	Working distance	150mm
	Scanning width	65mm
	Scanning depth	80mm
	Scanning accuracy	±10μm (1σ)
	Maximum speed	19200P/S
	Weight	450g

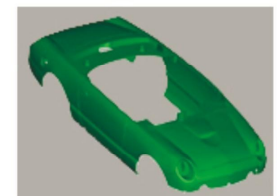
Laser scanning sketch map



Point clouds after scanning



choosing profile from all direction according to needs of making drawings



make drawings by ProE, UG software etc.