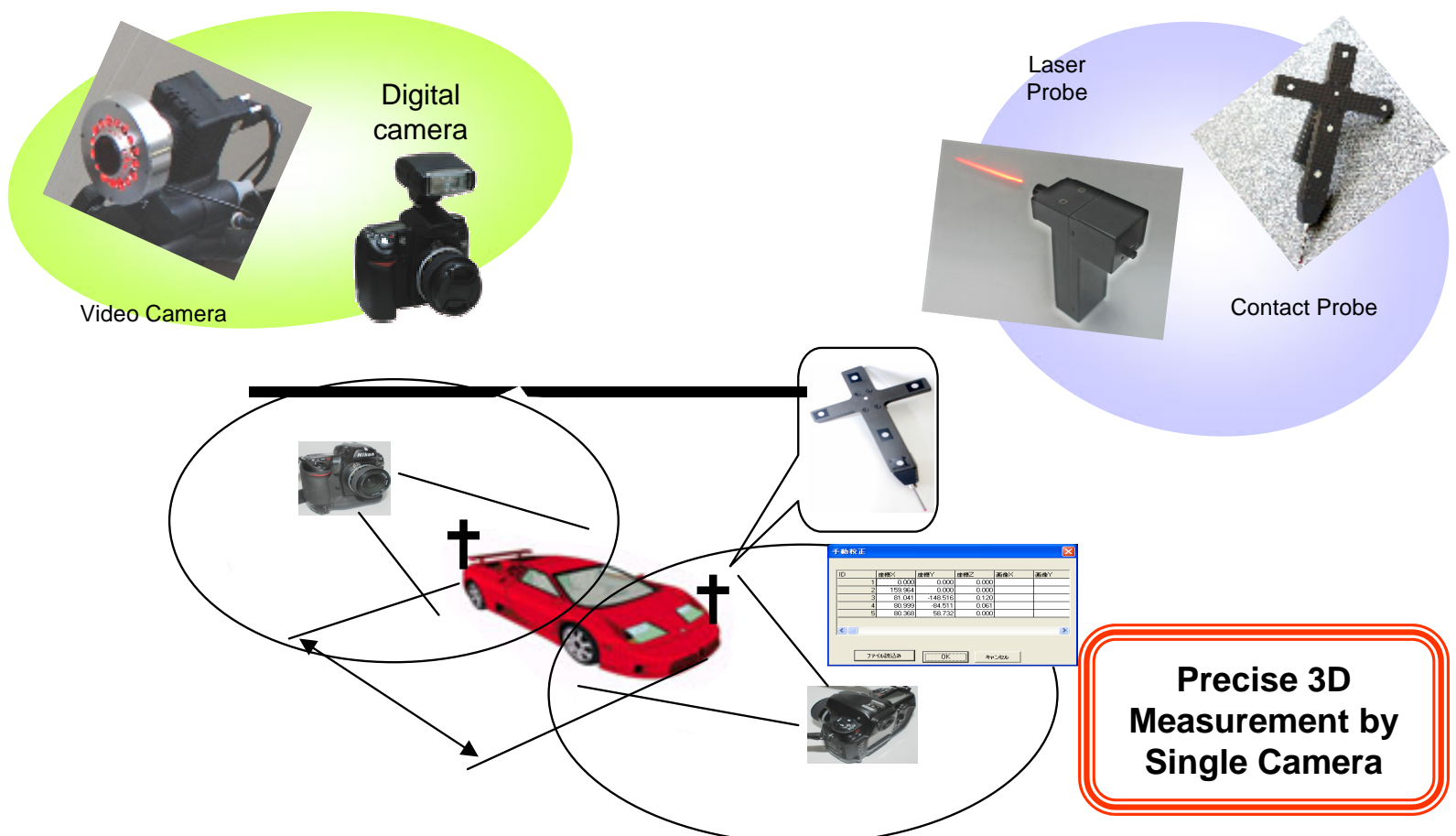


3D Digitizing by Single Camera

SingleView 3D software newly developed by ITTC can get 3D information of the object by a single digital/video camera.

The stereo camera system which uses two camera is commonly used for the measurement widely but it is limited for the usability such as the camera setting, the field of view, and expensive. Instead, the single camera system can be easily set up and affordable. The accuracy is very good if the high resolution camera is used. The non-contact laser measurement is also possible.



<<Usage>>

- 1.Measurement
- 2.Robot Alignment
- 3.Surveillance of moving object
- 4.Assembly
- 5.Product Inspection

<<Specification>>

Camera:	Digital Camera Video Camera
Accuracy:	Depend on the Pixel Size

**** Patent proposed ****