

Technology • Process • Design • Outsourcing • Training

Precision Vision:

Automated Visual Inspection

Automated system for inspection of coated optical filters

High resolution of cosmetic defects down to 5 microns in size



Precision Vision: from ThinFilm Solutions

Consistent quality of cosmetic inspection on coated optical components can be achieved using this automated visual inspection system. Precision Vision can employ flatbed scanning or digital camera technologies according to the application.

Precision Vision can be utilised for the following product types:

- Telecom Component Inspection
- Aerospace Components
- Military Optics
- Imaging & Display Components

Precision Vision is based on a National Instruments vision sensor and provides images and analysis in the LabView format.

- Max element size 60mm (Scanner)
- Max element size 100mm (Camera)
- Defect resolution 5 microns
- Scan & Analysis time: 2-5 mins

**For current pricing information & samples
for evaluation contact: sales@thinfs.com**