Nova Measuring Instruments develops, produces and markets metrology systems for process control that are integrated into process equipment tools, or used as stand-alone metrology platforms for the global semiconductor manufacturing industry. The metrology systems optically measure silicon wafers at different stages in the production process, and comprise a critical and important component of Quality Control for chip manufacturers. The company develops and sells both integrated metrology systems, and stand-alone systems that are located near the production machines and sample wafers during various stages of production.

Nova products are based on optical technologies that are amongst the most advanced technologies available in the metrology market today.