



**Top Optics, Photonics, and Imaging Companies in the Greater Rochester, NY Region,
2018**

Name	# Local Employees	Products Manufactured	Target Markets
Xerox Corp.	4,400	Document systems, software, services and supplies	Commercial, education, government
Eastman Kodak Co.	1,750	Graphic communications, digital printing, packaging, micro 3-D printing and packaging	Graphic communications, digital printing, packaging, micro 3-D printing and packaging
Harris Corp., Space and Intelligence Systems	1,423	Midsize to large precision optics and optical systems including mirrors, mounted optical assemblies and metering structures	Military, government, public safety, commercial, utility, transportation, government, universities
Carestream Health Inc.	1,036	Medical and healthcare IT solutions and X-ray film and digital X-ray products	Medical, government, research and development
Bausch & Lomb Inc.	985	Contact lenses	Ophthalmology, optometry, health care
CooperVision	577	Soft contact lenses and related products	Ophthalmology, optometry, health care
Optimax Systems Inc.	287	Optical components including aspheres, cylinders, prisms and spheres for ultraviolet, visible and infrared application	Consumer, defense, energy, industrial, medical, research and development
Syntec Optics	205	Molded polymer optics, diamond turned optics, electro-optical systems, opto-mechanicals, optical assembly	Medical, defense, biometrics, consumer and industrial
ON Semiconductor	200	High-performance CCD- and CMOS-based image sensor devices	Machine vision, intelligent transportation systems, medical, surveillance, scientific imaging
Semrock Inc.	130	Optical filters, mirrors, laser optical filters, optical system design	Biotechnology, laser and analytical instrumentation
VirtualScopics, Inc.	105	Imaging services for clinical trials	Biopharmaceuticals and medical devices
Empire Precision Plastics	100	Polymer optics, single-point diamond turning, thin film coating of polymer optics, metal and plastic optical mirrors, optical assemblies	Medical, electronic, industrial, lighting, automotive, imaging, defense
Sydor Optics, Inc.	97	Flat-surfaced, parallel and wedged optics: wafers, windows, filters, mirrors, optical flats, wedge prisms, light pipes, plate beamsplitters, coating witness samples	Semiconductor, industrial, aerospace, defense, biomedical, entertainment, life sciences, telecommunications
OptiPro Systems LLC	85	Computer-controlled grinding, polishing and measuring machines for manufacturing precision optics	Optics

Melles Griot	76	Custom lenses, optical assemblies, optical system components	Life sciences, research, semiconductor, security, defense
Navitar Inc.	66	High-magnification imaging components and systems, fisheye projection lenses, optics for large format cameras, laser optics, custom optics, custom microscope objective lenses	Automation, electronics, planetarium, biomedical, defense, life sciences, health care, pharmaceutical
Richardson Gratings	65	Ruled and holographic diffraction gratings (including echelles) in both reflection and transmission types, as well as prisms and large astronomical gratings	Analytical instrumentation, fiber-optic telecommunications, lasers, microelectronics, research and education
G-S Plastic Optics	42	Custom designed and manufactured precision polymer optics	Automotive, consumer electronics, commercial instrumentation, medical, military, LED
Vuzix Corp.	42	Video headphones, personal display devices, smart glasses	Consumer, enterprise
QED Technologies	37	MRF polishing and SSI metrology systems for precision optics manufacturing. Also offers contract optical component manufacturing services through QED Optics.	Precision optics, semiconductor, military, aerospace, medical, scientific instrumentation, astronomy
Vincent Associates	36	Electro-mechanical shutter systems	Photonics, optics, research, imaging
LaserMax Inc.	34	Laser-sighting devices, original equipment manufacturers laser modules, quantum cascade lasers, solid-state lasers, diode lasers, gas lasers	Defense, law enforcement, government labs and industrial original equipment manufacturers
Applied image Inc.	32	Imaging and optical calibration standards and calibration services; electro-optics custom imaged components; ball lenses and glass machining services; semiconductor photomasks; digital imaging calibration targets and software products	Optica, imaging (digital and analog) electronics optics, robotics, microscopy, semiconductor
Glass Fab Inc.	30	Precision optical glass blanks	Military, research, astronomical telescope, medical
New Scale Technologies Inc.	28	Miniature focus modules, all-in-one stages and micro actuators; integrated closed-loop motion systems that move optics with high precision in small spaces	Medical diagnostic systems, industrial analytical and inspection systems, robotic assembly systems
Lumetrics Inc.	23	Precision measurement instrumentation used for contact lens, optics, glass, medical tubing, balloons, and industrial film and packaging for dimensional measurement	Automotive glass, medical device, ophthalmics, optics, float and flat glass, industrial film production, universities and research facilities
Sydor Technologies LLC	21	Critical diagnostics and ultra-fast imaging systems; streak cameras, single-photon/fast rise intensifiers and photomultipliers, direct X-ray detectors, and beam position monitors	Defense, energy, security, universities, aerospace, national laboratories

Sources: Rochester Business Journal Book of Lists 2018, D&B Hoover's, LinkedIn