

Greater Rochester, NY Top Optics, Photonics, and Imaging Companies 2019

Rank	Company	Local Employment	Description
1	L3Harris Technologies Corp.	3,620	Advanced precision optics and optical systems including mirrors, mounted optical assemblies and metering structures for earth observation and deep sea exploration
2	Xerox Corp.	3,000	Document systems, software, services and supplies
3	Eastman Kodak Co.	1,505	Graphic communications, digital printing, packaging, micro 3-D printing and packaging
4	Carestream Health Inc.	1,075	Medical and healthcare IT solutions and X-ray film and digital X-ray products
5	Bausch & Lomb Inc.	1,012	Contact lenses
6	CooperVision	1,007	Soft contact lenses and related products
7	IEC Electronics Corporation	565	Provides electronic manufacturing services for the custom manufacture of complex full system assemblies
8	Optimax Systems Inc.	341	Optical components including aspheres, cylinders, prisms and spheres for ultraviolet, visible and infrared application
9	Quality Vision International Inc.	337	Designs and builds dimensional measuring machines combining optical imaging, laser, and contact sensors
10	Rochester Precision Optics, LLC	300	Optical lenses, optical components, lens assemblies and sub-assemblies, machined parts, electro-optical imaging systems and sub-systems, advanced plastic optics, precision glass molded optics, infrared lens components and materials
11	EagleView US	289	Provider of Pictometry® aerial imagery, data analytics, property data, and GIS solutions for local and federal government agencies, including assessment, public safety, and GIS, as well as the construction, insurance, solar, and energy infrastructure industries

12	Syntec Optics	205	Molded polymer optics, diamond turned optics, electro-optical systems, opto-mechanicals, optical assembly; North America's largest polymer optics assembly and opto-mechanical component provider
13	IDEX Health & Science	200	Global optofluidic authority for life sciences market. Complex lens assemblies, optical imaging systems, optical shutters, optical filters. Includes both Melles Griot and Semrock companies.
14	ON Semiconductor	200	High-performance CCD- and CMOS-based image sensor devices
15	Corning Tropol Corp.	195	Manufactures noncontact metrology systems
16	Thomas Electronics, Inc.	160	Produces products for the electronic display and imaging markets
17	Durst Image Technology US	112	Manufactures digital UV inkjet printing systems for the imaging industry
18	Rochester Optical Manufacturing Co.	104	Ophthalmic lenses, optical frames, prescription eyeglasses, smart glasses lens carrier, prescription safety products
19	Micro Instrument Corp.	100	Fabrication support to photographic, optics, and photonics companies
20	Empire Precision Plastics	98	Precision injection molding, polymer optics, single-point diamond turning, thin film coating of polymer optics, metal and plastic optical mirrors, optical assemblies
21	VirtualScopics Inc.	95	Imaging services for clinical trials
22	JML Optical Industries LLC	93	Precision custom optical design, lens component fabrication, complex lens system assemblies, and optical coatings
23	Sydor Optics Inc.	87	Flat-surfaced, parallel and wedged optics: wafers, windows, filters, mirrors, optical flats, wedge prisms, light pipes, plate beam splitters, coating witness samples, mounted optics and optical assembly
24	Brinkman Precision, Inc.	85	Component machining and assembly for the aerospace, optics and medical industries
25	OptiPro Systems LLC	80	Computer-controlled grinding, polishing and measuring machines for manufacturing precision optics
26	Vuzix Corp.	80	Smart glasses and personal display devices

27	Z-Axis Inc.	80	Provides design, prototyping and contract manufacturing services for electronic products including power supplies for lasers and LEDs
28	VisualDx	76	Medical diagnostic software developer
29	Navitar Inc.	75	High-magnification imaging components and systems, fisheye projection lenses, optics for large format cameras, laser optics, custom optics, custom microscope objective lenses
30	E.T. Precision Optics, Inc.	71	Manufactures precision CNC machined components for aerospace, optical/medical and industrial manufacturers
31	Richardson Gratings	70	Ruled and holographic diffraction gratings (including echelles) in both reflection and transmission types, as well as prisms and large astronomical gratings
32	QED Technologies	63	MRF polishing and SSI metrology systems for precision optics manufacturing. Also offers contract optical component manufacturing through QED Optics.
33	Xactra Technologies, Inc.	55	Produces custom precision machined components exclusively for the photonics marketplace
34	LaserMax Inc.	54	Provides miniaturized and hardened laser systems
35	Magnus Precision Manufacturing, Inc.	53	Contract manufacturer of precision machined parts used in photonics and optics applications
36	CY Plastics Works Inc.	52	Manufactures custom plastic parts, provides assembly, kitting, packaging and other services
37	Advanced Glass Industries	51	Supplies precision machined optical glass blanks
38	Precision Optical Transceivers Inc.	50	Optical transceivers and related active/passive optical equipment
39	GS Plastic Optics	48	Custom designed and manufactured precision polymer optics
40	Wordingham Technologies	45	Manufacturing optical barrels, housing, mounts, and retainer components
41	Iuvo bioscience	40	Medical device and pharmaceutical testing and sterilization, contract research
42	Apollo Optical Systems, Inc.	38	Manufacturer of custom precision optical components specializing in injection molded polymer optics and single point diamond turning

43	Applied Image Inc.	35	Imaging and optical calibration standards and calibration services; electro-optics custom imaged components; ball lenses and glass matching services; semiconductor photomasks; digital imaging calibration targets and software products
44	Caliber Imaging & Diagnostics, Inc.	35	Develops and manufactures imaging services that show skin tissue at the cellular level
45	Sydor Technologies LLC	35	Critical diagnostics and ultra-fast imaging systems: streak cameras, single-photon/ fast rise intensifiers and photomultipliers, direct X-ray detectors, and beam position monitors
46	Glass Fab Inc.	32	Precision optical glass blanks
47	Imaginant Inc.	32	Manufactures digital cameras, high frequency pulser/receivers and coating thickness systems
48	D3 Engineering LLC	30	Provides product development services for embedded vision and video, motor control and digital power management
49	Kirtas Inc.	27	Develops robotic bound-document scanning systems for digital archiving
50	FluxData Inc.	25	Multispectral imaging, polarimetric and color measurement systems
51	Videk, Inc.	25	Provides vision-based print quality and data integrity assurance technology and services
52	Vincent Associates	25	Manufacturer of UNIBLITZ electronically programmed shutters and shutter drive systems
53	Cutting Edge Laser Technologies	24	Distributor of surgical and therapy lasers
54	Lumetrics Inc.	24	Precision measurement instrumentation used for contact lens, optics, glass, medical tubing, balloons, and industrial film and packaging for dimensional measurement
55	New Scale Technologies Inc.	20	M3 micro-stages and actuators (smart modules with built-in controllers) that are designed to move lenses and optical elements with high precision and battery power
56	NicoForm Inc.	20	Develops advanced electroforming and electroplating methods and techniques for the optical, medical, and biotech industries

57	SiMPore Inc.	20	Develops and manufactures silicon-based membranes and related products
58	RPC Photonics Inc.	19	Designs and manufactures micro-optical beam shaping components
59	XACTIV Inc.	19	Develop and supply industrial digital printing-related ink-jet and electrophotography processes, application-specific manufacturing systems, custom inks and other functional liquids and powders, radar- and electromagnetic radiation-absorbing inks and materials
60	AccuCoat Inc.	18	Engineering, design and manufacturing of standard and custom optical coatings for glass, polymer and metal optical components
61	Spectra Services Inc.	18	Provides new and used laboratory and microscopy equipment and consumables
62	Six15 Technologies	17	Customized smart glasses and wearable devices manufacturer
63	TOPTICA Photonics, Inc.	17	Developer and manufacturer of high-end laser systems for scientific and industrial applications
64	Gage-Line Technology, Inc.	17	Designs and manufactures scratch-dig surface imperfection standards, imaged optical components, optical gauging and inspection products, and calibration scales and grid plates
65	Angstrom Precision Optics Inc.	15	Manufactures precision optical and photonic components
66	Bristol Instruments, Inc.	15	High-accuracy wavelength meters, high-resolution spectrum analyzers, optical thickness gauge instruments
67	Gradient Lens Corp.	14	Precision Hawkeye borescopes, videoscopes and accessories, endoGRINS relay lenses
68	Photon Gear, Inc.	11	Expertise in optical design, engineering and lens assembly and test services
69	Imaging Solutions Group	10	Supplies high resolution plug-and-play cameras and imaging systems
70	Optics Technology, Inc.	9	Micro/miniature optics, mechanics and assemblies
71	Westech Optical Corp.	9	Designs and manufactures precision lenses

72	Ariel Optics, Inc.	8	Manufactures custom precision plano optics
73	Qmetrics Technologies	8	Develops software for analysis of medical images
74	Stamper Technology Inc.	7	Develops micro- and nano-engraving technology and products
75	Moondog Optics Inc.	6	Optical design and consulting services for consumer and life science projects
76	Bridgekey Corp.	5	Electronic contract engineering, research and development
77	Dimension Technologies, Inc.	5	Produces flat panel LCD displays including full resolution, glasses-free HD 2D/3D
78	G-S Supplies, Inc.	5	Manufactures glass and plastic components and adhesives for optical assembly
79	Lightforce Technology, Inc.	5	Provides product development services in optomechanical system design and production
80	Precision Optical Imaging	4	Manufactures precision optical parts
81	Rochester Imaging Technology Corp.	4	Distributes imaging components and imaging systems
82	SMA Optical Technologies, Inc.	4	Offers contract development services for optical products and systems
83	Sigmadyne Inc	3	Optomechanical analysis services and software
84	Aktiwave LLC	2	Designs and produces customized optical components; provides consulting services in optical technologies
85	Kessler Optics & Photonics Solutions Ltd.	2	Provides consulting services for optical technologies and optical systems design and architecture
86	Interferometric Optics	2	Designs and constructs custom tunable narrow-line width lasers and multiple prism lasers
87	Metrology Concepts LLC	2	Provides surface and wavefront measurement instruments for the laser, ophthalmic and precision optics markets
88	Munro Design & Technologies LLC	2	Produces and sells the NIRiiCAM 3D video camera

89	OpticsProfessionals LLC	2	Provides employee staffing for optics, photonics and imaging technology companies
90	Oren Sage Technology	1	Optical system and optical metrology system design; optics training for users and practitioners
91	Vacuum Innovations LLC	1	Manufactures equipment for optical coating deposition processes

Rochester Business Journal Lists 2018; LinkedIn; Hoovers (January 2019)