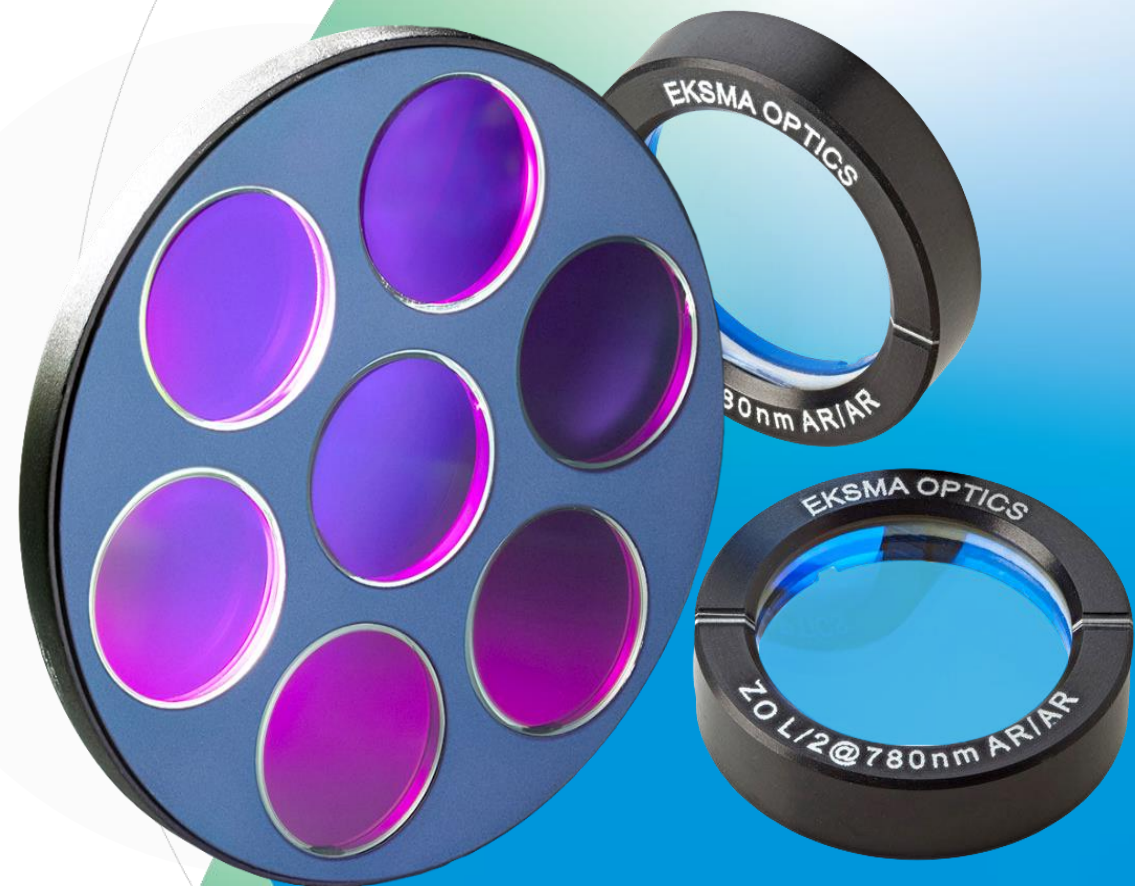




Ready for the future of
**PRECISION OPTICAL
MANUFACTURING**

Dainius Tumosa, CEO

7 April 2022 | EPIC AGM 2022



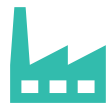
Factory of the Future

OUR FOCUS

Delivering new solutions by integrating key technologies in optical manufacturing.



OUR HOMEBASE



7300 m² dedicated to the future of optics:

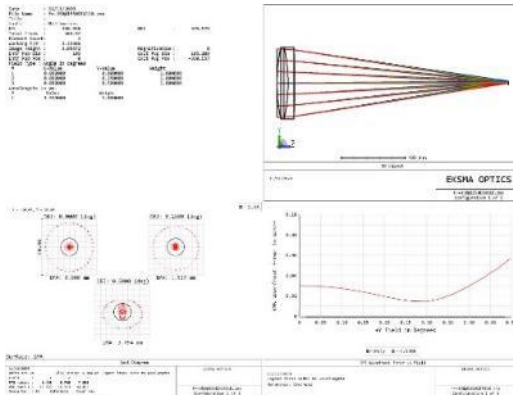
- Cleanroom areas – 1150 m²
- ISO 7 class cleanroom areas – 430 m²



Team of 80 employees

Optical Design and R&D

- Coating - Optilayer
- Mechanical – Solidworks
- Optical - Zemax



Optical Material Processing

CNC Precision Polishing

Polishing of Nonlinear Crystals

Optical Coating

Prototyping and Assembling

- Optical & electro-optical systems
- Testing & quality control

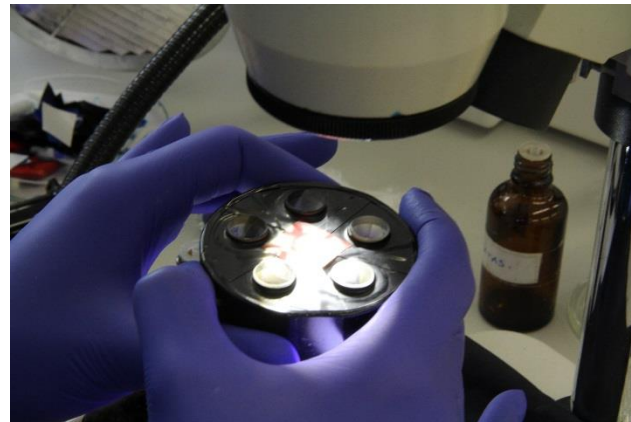


Optical materials processing

From a material blank to precision flat optical substrate.

What do we do?

- Single and double side grinding and polishing
- Customizing – cutting, drilling, engraving
- Variety of substrates – different types of optical glass, fused silica

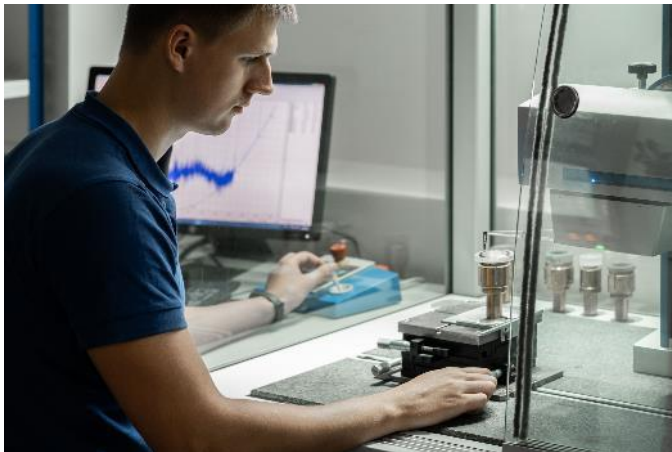


CNC lens manufacturing

Precision-polished spherical, aspherical and conical lenses.

What do we do?

- Single prototypes to batch production
- Diameters from 1 to 200 mm
- Variety of substrates – different types of optical glass, fused silica
- Currently working on – free-form lenses

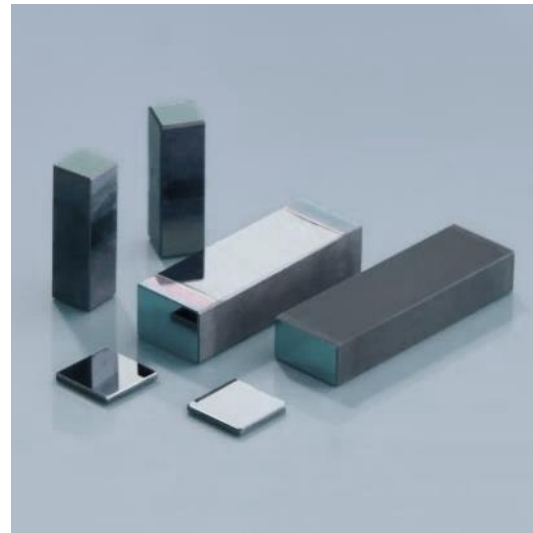


Crystal polishing

Polishing of humidity sensitive nonlinear and electro-optical crystals.

What do we do?

- Polishing of DKDP, LBO, BBO, KTP, LiNbO₃, ZnGeP₂ crystals
- Electro-optic assembling
- Optical metrology

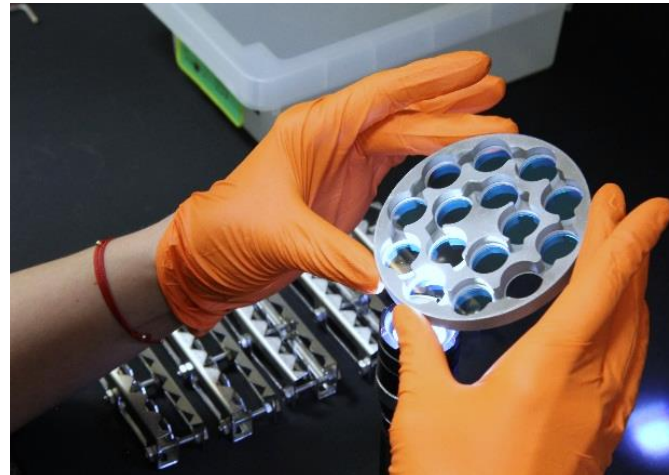


Optical coatings department

Deposition of ion beam sputtered coatings for high-power laser applications.

What do we do?

- Coating area – up to \varnothing 400 mm
- Coating procedures for optics, crystals
- AR, HR, Partial reflection, Polarizing, Filter coatings



Assembling & Testing

Assembling of precision optical and electro-optical systems.

What do we do?

- Clean room assembly of opto-mechanical and electro-optical systems
- Quality control and testing
- Ready to develop new assembly & testing set-ups for volume manufacturing

Opto-mechanical Systems



Electro-Optical Systems



**We are ready for the
future of laser optics.**

Are you?

Let's talk!

EK SMA Optics, UAB
Dvarčionių st.2B,
10233, Vilnius, Lithuania

info@eksmaoptics.com
Tel.: +370 5 272 99 00

www.eksmaoptics.com