KineMax Science

basic model for Science and research in optics

This model contains:

- The *KineMax Science* mastering unit
- Autofocus system
- Litographic software package.
- System installation.
- Initial adjustment of the system and system operators training provided in Warsaw (Poland)
- Optics and hardware adjustment training.
- Designing workshop.

Technical specification of model Science :

- Graphics resolution: up to 120000dpi.
- Standard exposing area: 200 x 200 mm
- Positioning control: 0,1 micrometer resolution absolute linear encoders
- Focusing: automatic optoelectronic focusing
- Mastering speed: up to 3 cm^2 /hour at resolution 120.000 dpi
- Basic hologram types
- Low and mixed frequencies „white" holograms.
- Binary optical structures of any shape down to 1 micron linewidth
- Microtext down to 10 microns
- Grayscale microstructures
- Fresnel lenses with any curvature
- Fresnel prisms
- 3D white embossed objects
- Asymmetric hidden images (Optional)
- Hybrid structuress: all features combinations possible,
- Structure scalability: it is possible to make different size diffractive structures from same design,
- Easy, user friendly master designing based on any most popular graphics software (CorelDraw, Adobe Illustrator, Adobe PhotoShop etc. - not included).

Polish Holographic Systems

Krola Kazimierza 28
04 854 Warszawa
POLAND

e-mail: info@kinemax.pl

phone & fax ++48 22 6158410