



Monday, 13 July 2020, 15:00 CEST

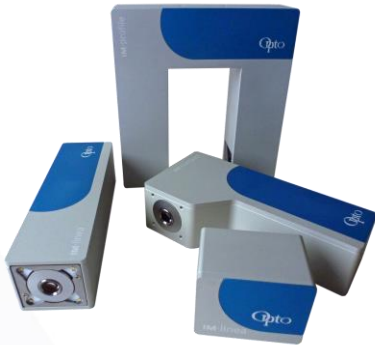
EPIC Online Technology Meeting on Microscopy

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+49 89 89 80 550
info@opto.de
www.opto.de



Products

Imaging Modules



Standardized IM for dedicated applications

Plug and operate

Business model : generic products for core applications

OEM Modules



Dedicated modules for machine builders

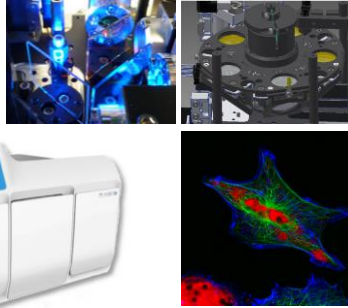
Business model: custom-specific design and manufacture

Focus on volume and long-term opportunity

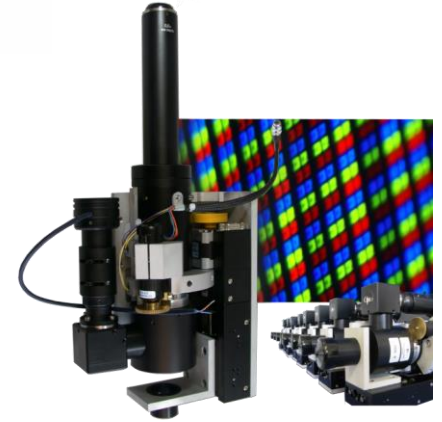
OEM Modules



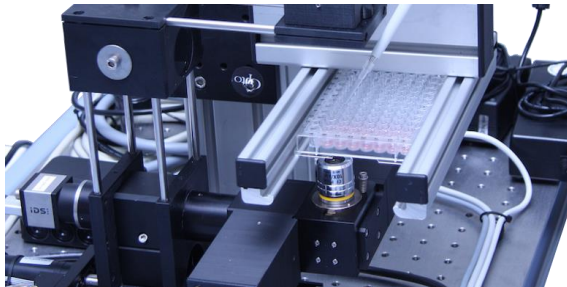
Refractive eye surgery laser beam delivery



High throughput multi wavelength
Fluorescence Module



Color verification / LCD pixel inspection



Complete Screening solutions



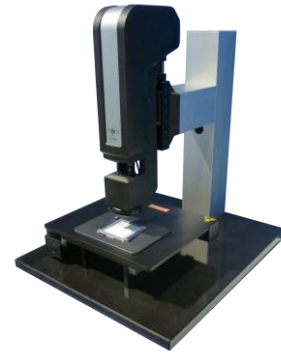
Dual imaging station for
embryo inspection

OEM Systems

Cylinder Inspection System



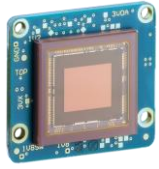
Cleanliness control System



Portable Metallurgical
Microscope



Laser Fault Injection System



Newest IMX
Sony Sensor



Embedded Controller
Electronics



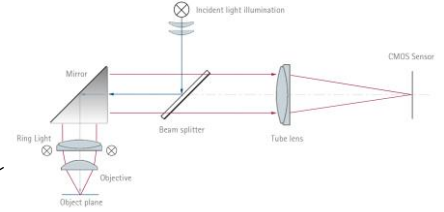
Limited Formfactors



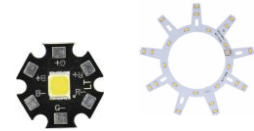
Standard Interfaces
One Wire Concept



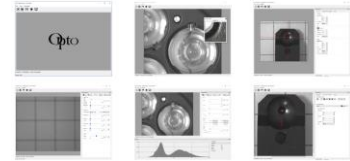
Hundreds of Plug and
Play Imaging Modules



Hundreds of existing High
End optical designs

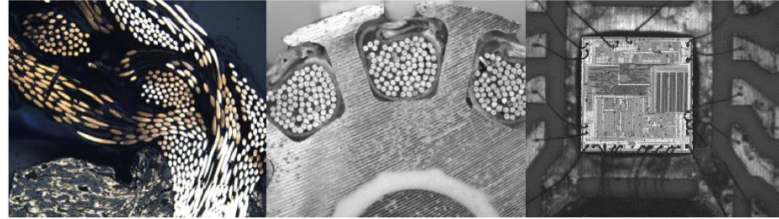


Opto Own LED designs

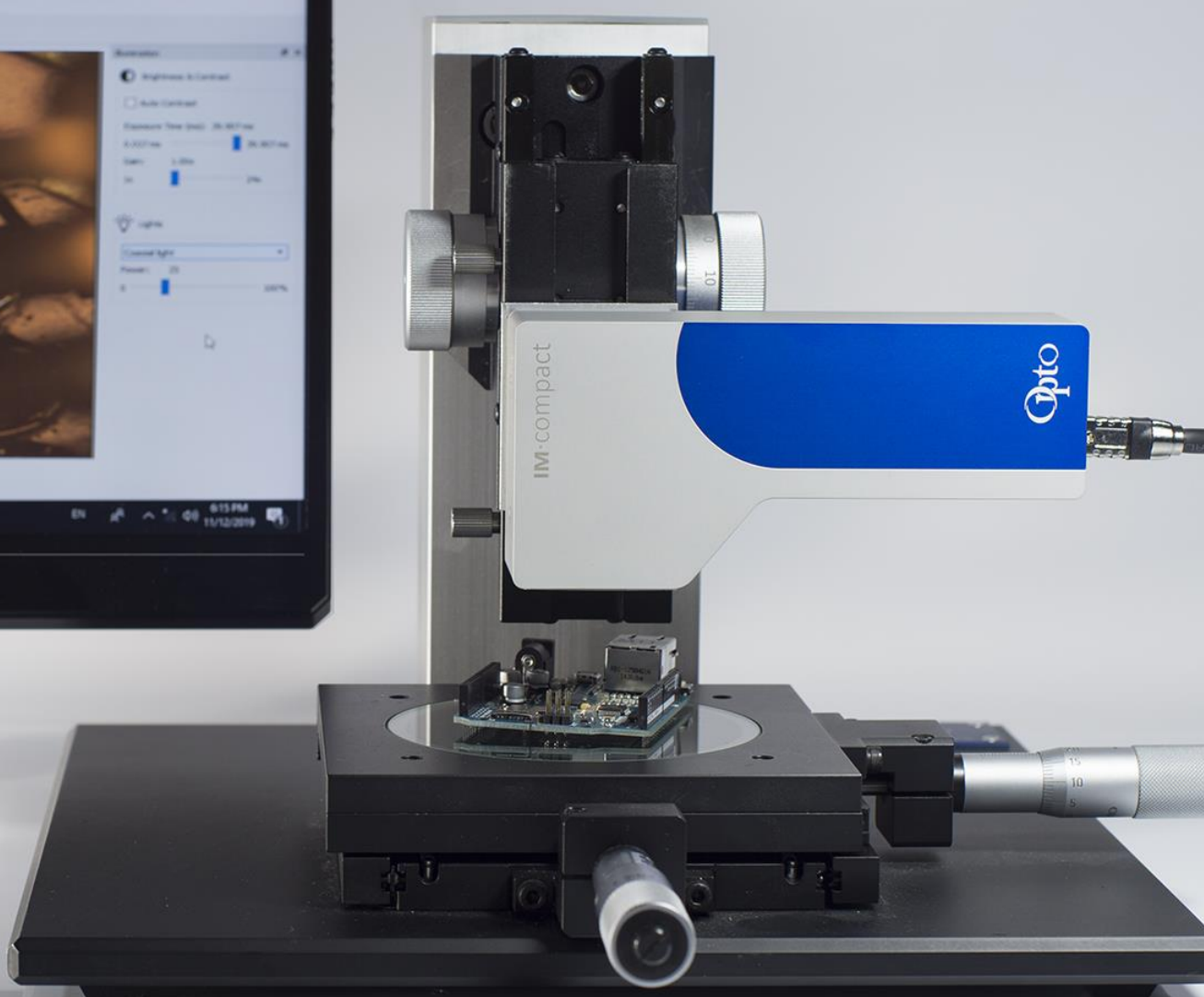
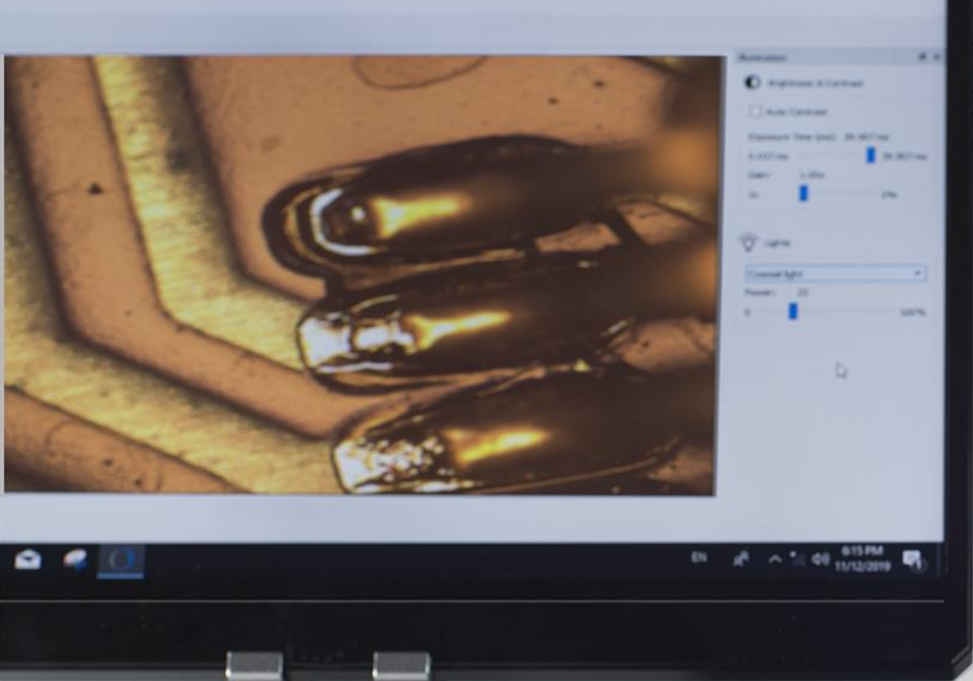


Opto Own Software
Development Suite

Machine Vision Microscope



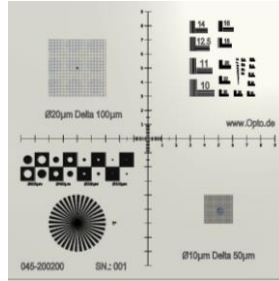
- The Machine Vision Microscope analyzes microstructures on metallic alloys to predict material properties and to visualize structures on semiconductors.
- Designed for inline microscopy and embedded applications
- Unique Opto design with coaxial and ring light in one unit
- Highly cost-competitive against any combination of standard



Accessories



Stands & Clamps



Calibration
Targets



Knigelenke



Optical Components

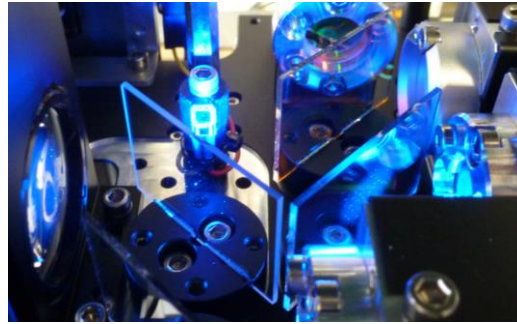


Objectives

R&D

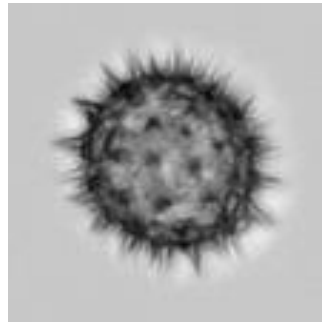


Microscopes as Sensors
for a Digital AI Labs

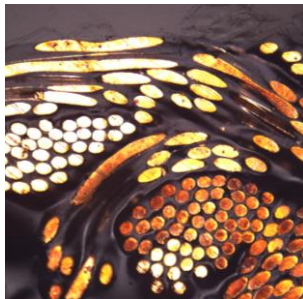
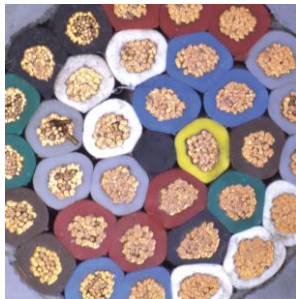
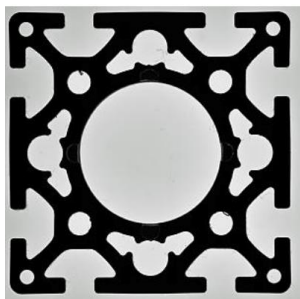
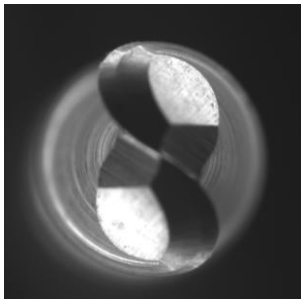
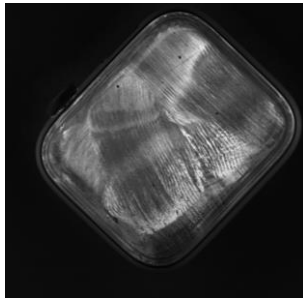
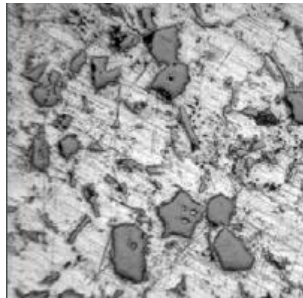
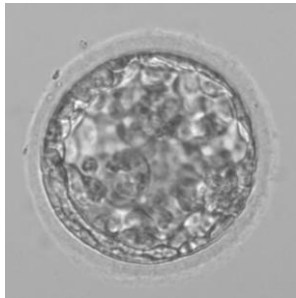
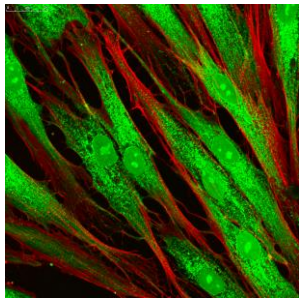
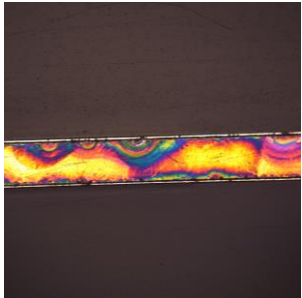
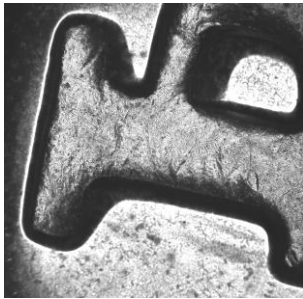
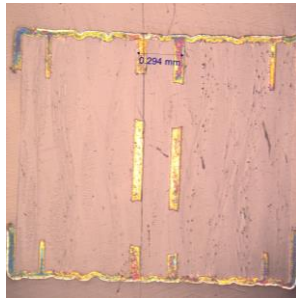
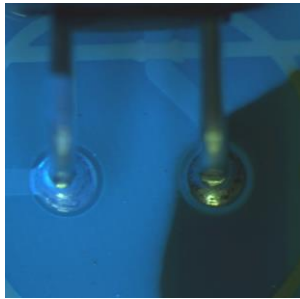
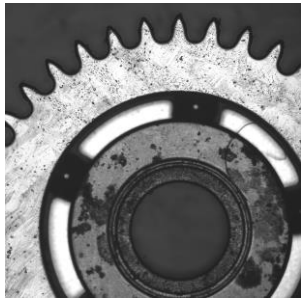


Multi-Fluorescence automated
Microscopes (16 Fluorescences in some
seconds) for Tissue Engineering,
Electrophoreses and Pathology machine
Integration

High Speed Microscopy and
Classification Methods for
Microfluidic Applications



Time Laps and Stereo / ICSI Microscopy for IVF



The EPIC Questions

What can we do for EPIC ?

Be the glue between Photonics and

Machine Vision

Offer the Members 40 Years of

Microscopy Know How

How can EPIC help us?

Shout out loud that we are existing

and what we do

DO what you DO

The logo for 'MEMBER of EPIC' features the word 'MEMBER' in blue capital letters on the top line. Below it, the word 'of' is in a smaller blue font, followed by 'EPIC' in large blue capital letters. To the left of 'MEMBER' is a blue sphere, and to the left of 'of' are a green and a red sphere.

MEMBER
of EPIC

谢谢
ありがとう
감사합니다
Vielen Dank
Merci
Thank you
Gracias
תודה רבה