

# INSPEX II

simply powerful

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# Simply Powerful Digital Microscope System

## Productivity.



### AshCal™

Inspex II is factory calibrated before shipping. No time is wasted performing recalibrations between changing magnifications

## Quality.



### 2D Measurement & Annotation

Point to point measurement and annotation of samples and creation of graticules

## Functionality.



### On-Screen Digital Graticules

Create Go-No-Go on screen digital graticules to quickly identify sample defects



### On Screen Preset Buttons

On Screen Preset Buttons allow quick access to pre-configured part-specific system settings



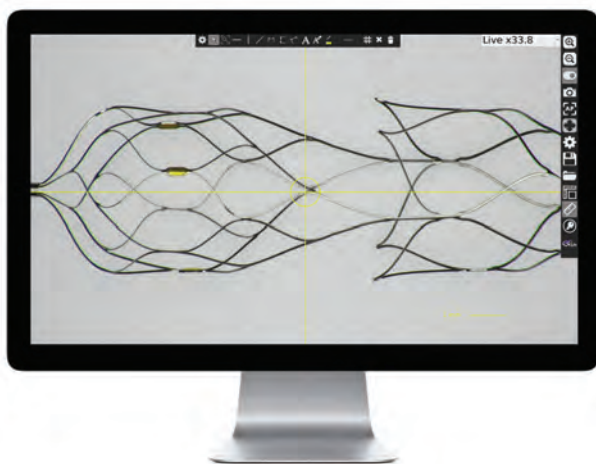
### User Privileges

User privilege settings enables operational control and traceability



### Image Stamping

Image stamping with time, date, user and magnification level



### Applications

- In Process Visual Inspection of Component Parts
- Final QC Release Inspection
- Standardisation and Control of Inspection Process
- Documentation of Inspection Process

### Industries

- Electronics
- Medical Device Manufacture
- Polymers
- Metalworking
- Automotive

Jonathan Higgins, Associate R&D Engineer

Ireland

## Goodman Medical

“Working in the medical device industry I’ve come across many different inspection and measurement platforms, many of which are highly complicated and require constant maintenance and tech support to solve update and compatibility issues. Ash Technologies’ Omni Core vision and measuring system is an all-in-one platform that provided a solution to all these issues.

It gives precision measurements and high resolution, high magnification images with a simple user-friendly interface with software applications that minimise error. The inspection applications not only make identifying defects an easy task, but also simplifies and speeds up operator training and measurement applications, ensuring accurate measurements every time. Software updates can be done at the click of a button with no need for IT support and additional applications can be added just as easily if required.

All in all, I would highly recommend Ash Technologies to anyone looking to simplify and improve their vision and measurement systems. I would also like to add that they have impeccable customer service which is always a plus.”

Mark Jones, Technical Field Service Manager

USA

## Rolex

“In the jewellery industry you have the 4 C’s cut, color, clarity, and carat weight. In watchmaking education you have the 4 D’s: demonstration, deliberation, documentation, and discover. In educating student’s about the small world of watchmaking, we need tools that can transport them into this world.

The Omni core is an excellent digital microscope for us because it is a stand-alone system. It has a great focal distance for demonstration and it offers many built in tools and optional accessories that help us communicate, measure and collect images.

The Omni helps us and our students evaluate and understand this tiny complex world. It also comes with a great team of people that have helped us quickly and efficiency, answering questions and giving us technical support.”

Roland Rucker, Quality Engineer Optoelectronics

Germany

## Heraeus Noblelight GmbH

“Our goal was to acquire a microscope with the smallest possible surface differences between 5 and 500 microns without fatigue. Likewise, we wanted to create sharp images with the abnormalities and these surveying. The implementation of these requirements has now been confirmed in practice by our employees. What also stands out is the intuitive user interface our employees were able to use within a very short time. The support from their side for commissioning and technical questions is also to be positively emphasized. We can highly recommend this microscope because of our positive experiences and you as a partner.”





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FI 806-001

## Included System Components



### LENSES

+5 Lens



### LIGHTS

LED Ring Light



### OTHERS

Wireless Keyboard and Mouse    Memory Stick    HDMI Cable

## Optional System Components



### LENSES

+5 Lens

AI 280-150

+10 Lens

AI 280-131

+10 Plan 1x Lens

AI 100-055

+25 Lens

AI 100-053

Ash 360 Rotating Viewer

AI 801-422

Polarising Lens

AI 100-041



### LIGHTS

Diffused LED Dome Light

AI 100-045

UV Ring Light 367nm

AI 801-421

Polarised Ringlight & Analyser

AI 801-423



### CONTROLLERS

KPII External Keypad

FI 806-002



### OTHERS

Ash PC Capture

AI 100-052

24" Monitor

AI 801-416

Hard Carry Case

AI 801-563



### STANDS & STAGES

XY Stage for Uplight

AI 100-011

XY Stage

AI 100-010

Large XY Stage

AI 100-057

Oblique Tilting Stage

AI 801-414

Omni Illuminated Track Stand

AI 100-036

Omni Track Stand

AI 100-037

Articulated Arm Stand

AI 100-039

Dual Arm Boom Stand

AI 100-038

www.ash-vision.com



At Ash we design, develop and manufacture all our user centric solutions in-house and are proud of our award winning innovation process. We use creative Design Thinking to actively empathise with our customers to understand their real unmet needs and jobs to be done. We seek meaningful engagement and co-creation with our end users so we can develop the best possible solutions and services in the quality assurance industry resulting in cost savings, increased workflow efficiency, waste reduction and an overall improved quality process.

**Contact Us.**

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