

INSPEX 3 - Digital Microscope System



Smart Inspection for Industry



Simply Smarter

INSPEX 3

Digital Microscope System

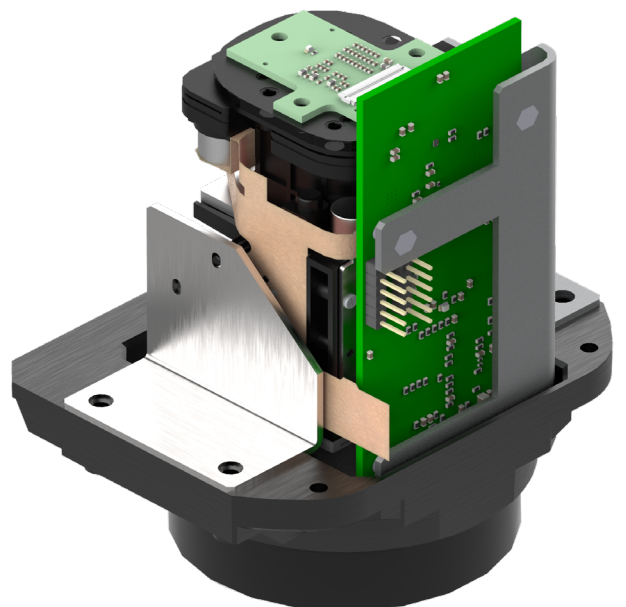
Inspex 3 is a powerful, flexible and intuitive HD digital microscope designed around ASH's new 30X HD Camera module.

This zoom camera module as designed by ASH to meet industrial inspection needs.

ASH has developed unique patented high-speed image processing algorithms deliver exceptional image quality, super-fast focus speed, and smooth digital zoom that makes inspection simpler, ergonomic and efficient.

Inspex 3 is ideal for industries such as medical device, pharma, precision engineering and electronics.

The benefits of the Inspex 3 system are clear to see.



INSPEX 3

Smart Inspection

New Features

The Inspex 3 is the newest edition to the Inspex family from ASH. It incorporates the advanced AshCam™ 30X camera module that delivers a wide range of additional features, improved capabilities and stunning image.

Superb Image Quality

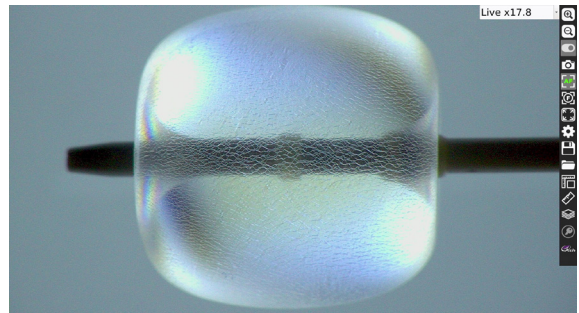
Experience unrivalled Full HD video imaging never seen before in an Ash system.

The Inspex 3 offers an enhanced, vibrant, crystal clear image for even the most demanding inspection applications.



Super Fast Auto-Focus

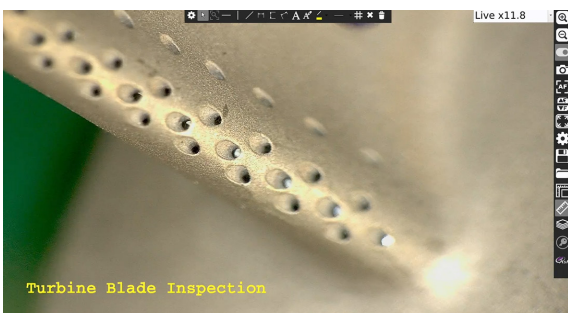
Place any part under the camera and it will immediately adjust the focus position allowing you to seamlessly inspect your part without having to adjust manual focus or change the height of the part.



Manual Rocker Focus

Automatically and rapidly adjust the focus using the rocker icon to inspect the area of interest on a sample part when in manual focus mode.

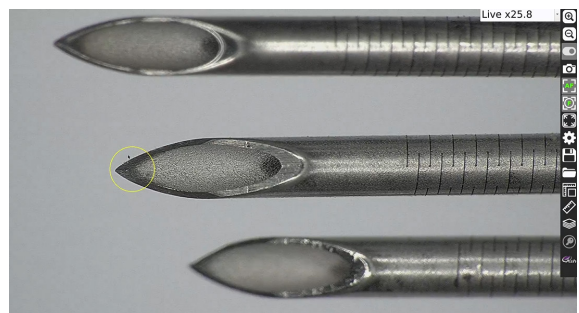
No need to manually adjust to change focus position.



SpotFocus™

Quickly focus on the area of interest by simply using the mouse pointer.

Improve accuracy and reduce human error with the capabilities of Spot Focus*



* Global patent applied for by ASH.

INSPEX 3

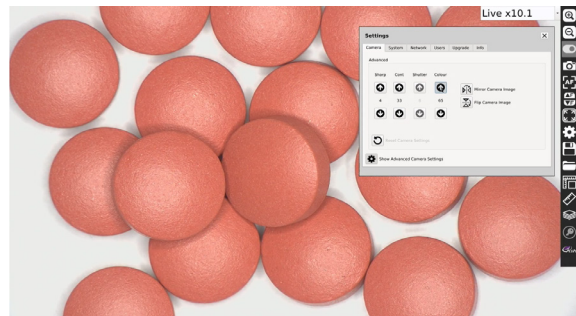
AshTruColour™ - True Colour Reproduction

View true colour reproduction of your sample with the Inspex 3. Replicate real colours as seen with the naked eye.



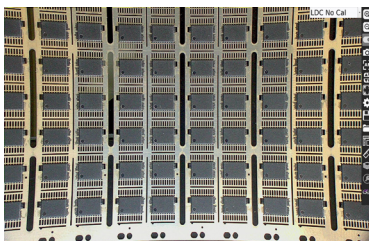
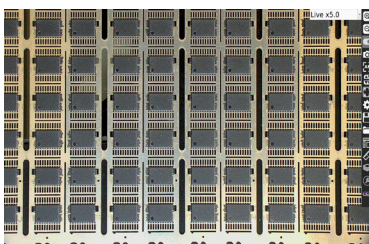
Advanced Camera Settings

The new Advanced Camera Settings give the user more power to enhance the image for a wide range of inspection and measurement capabilities.



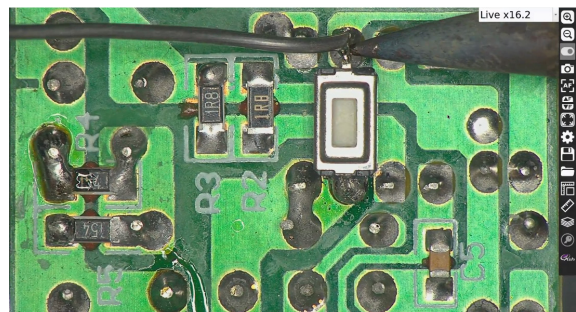
RTLDC™

Real-Time Lens Distortion Correction*. Lens distortion is inherent in all microscopes. Image distortion at the outer edges of large samples is automatically corrected by the Inspex 3.



No Video Latency

The video from the Inspex 3 has zero delay. It's 3x times faster. View parts in real time with no video lag, allowing you to comfortably inspect, rework, modify and assemble any part.



* Global Patent applied for by ASH.

INSPEX 3

The Inspex 3 maintains the following improved great features introduced with the hugely successful Inspex II.



AshCal™

Inspex 3 is factory calibrated before shipping. No time is wasted performing recalibrations between changing magnifications.



Image Stacking

Inspex 3 automatically captures several images at different focal depths to create a fully focused, sharp, clear image for easy inspection.



2D Measurement & Annotation

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



Save to Network

Networking enables direct saving to the server or cloud for increased workflow efficiency.



User Privileges

User privilege settings enables operational control and traceability.



On Screen Preset Buttons

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



Interchangeable Lighting

Multiple types of interchangeable lighting available, including Ring Light, DomeLight, Polarised Light and UV Light to address any inspection application.

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Smart Inspection



Applications

- In Process Visual Inspection, Rework and Assembly of Component Parts
- Connected for Traceability and Documentation. Store images and data on the Cloud.
- Large Scale Inspection in a Production Environment
- Final QC Release Inspection

Industries

- Medical Device Manufacture
- Pharma
- Precision Engineering
- Electronics

INSPEX 3



Contact Ash for more information or a product demonstration.

The Inspex 3 will be launched at the end of September 2020.

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