



# 3D SpectaSCOPE™

See What 3D Innovation Looks Like



**FREE TRIAL**

TRY BEFORE YOU BUY

[www.wpiinc.com/vision](http://www.wpiinc.com/vision)



# SEE WHAT 3D INNOVATION LOOKS LIKE

WPI Vision, a division of World Precision Instruments, is proud to introduce our new **3D SpectaSCOPE™**. With patent-pending technology and intuitive copyrighted software, the **3D SpectaSCOPE™** utilizes enhanced reality screen technology and is designed to meet the specific needs of different industries. With an incredible working distance of 300 mm, automatic self-focusing and true 3-dimensional viewing, the **3D SpectaSCOPE™** lets you increase throughput while achieving greater accuracy at the highest detail. The **3D SpectaSCOPE™** is optimal for rework, through-hole assembly and inspections, and it is available in multiple configurations. See what 3D innovation looks like at World Precision Instruments.



### DIGITAL 3D IMAGE

Depth perception without any eyepieces for working under magnification offers greater return on investment with fewer mistakes and better results.



### BIG VIEW SCREENS

Work longer with less fatigue. Unlike optical microscopes this is more comfortable for extended periods. You get greater output and faster ROI.



### ADJUSTABLE WORKING DISTANCE

Lower for observation, raise for tool procedures or adjust for ergonomic fit. You get more uses from a single unit. There's no need for multiple scopes.



### SELF-FOCUSING ZOOM

Zoom from 5–50× optical magnification without having to focus. This means less training, faster throughput, better accuracy and additional perspective.



### REMOVABLE MEMORY

Document and share images and videos. The onboard removable SD card allows for quick sharing and archiving.



### INTEGRATED ADJUSTABLE LED LIGHT

Illuminate the objects under different lighting. This offers better imaging, accuracy and no additional clutter.



### REMOVABLE LIGHT COVER

Remove the light cover for easy cleaning. This ensures clear images and no worries about debris or buildup. And it's replaceable.

## SETUP IS A SNAP

When your SpectaSCOPE™ arrives, you need about 2 minutes for setup before you are completely operational. No classes, no training, no prep... it's plug and play.



## TRY IT BEFORE YOU BUY

Our Try Before You Buy program is a no-cost, no-contact, hassle-free demo. This gives the opportunity for you and your team to see for yourselves what makes the 3D SpectaSCOPE the right inspection tool for both your job and your bottom line. If you are not impressed, just use the prepaid label to ship it back to us.



WHAT IS INCLUDED WITH THE SYSTEM	QTY
3D SpectaSCOPE™ Head	1
SD Card	1
AC/DC 5 V Power Adapter	1
Dust Cover	1
Boom Stand, Articulating Arm Stand OR Track Stand	1
Quick Start Guide	1
Instruction Manual (Download from <a href="http://www.wpiinc.com/manuals">www.wpiinc.com/manuals</a> )	



ORDER NO.	DESCRIPTION
ERMA-BS	3D SpectaSCOPE™ with 505606 Boom Stand
ERMA-AAC	3D SpectaSCOPE™ with 505607 Articulating Arm Stand
ERMA	3D SpectaSCOPE™ with 505608 Track Stand
ERMA-BCS	3D SpectaSCOPE™ with 505611 Boom Clamp Stand (Articulating Arm)

## APPLICATIONS

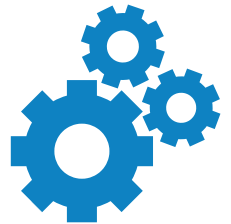
### Life Science Research

Conceived as a medical device used for dissecting zebrafish in laboratories, the 3D SpectaSCOPE is a state-of-the-art novel viewer that is brimming with innovative, patent-pending technology. With incredible working distance and auto focusing, you can simplify your life science applications. The ergonomic 3D SpectaSCOPE lessens eye strain and allows for a natural posture during use so you can work comfortably for longer periods.



### Precision Manufacturing

This fully-integrated, stand-alone, digital inspection system was designed specifically for the precision manufacturing industry. Not a traditional microscope, the 3D SpectaSCOPE is a 3-dimensional inspection viewer that displays small things in a big way – AND in real time. In the precision manufacturing world, an investment in the 3D SpectaSCOPE improves both accuracy and efficiency.



### Printed Circuit Board Assembly

Move your assembly process to the next level with our state-of-the-art, fully-integrated, digital inspection viewer. Moving away from the traditional models of using multiple microscopes, our new 3D SpectaSCOPE is a fully digital, three-dimensional viewer. It offers a variable working distance, wide panning, large depth of field and self-focusing zoom to help you decrease time spent in the assembly and inspection process and increase the accuracy of your circuit board assembly.



## SPECIFICATIONS

On Board Memory	32GB removable SD Card Included.
Save Video/Save Image	2 interface buttons
Focus	System focus through proprietary algorithm
Outputs	Accessory port
Resolution	5MP
Working Distance	WD 300mm – 120mm
Depth of Field	Up to 25mm
Magnification	5× – 50× Magnification
Field of View	65mm × 65mm @ 300mm Working Distance
Setup time	3 minutes
Training Time	2 minutes
Maintenance	Dust off only; no maintenance required
Patents	Patents Pending
Warranty Guarantee	1 year WPI warranty

Specifications are subject to change without notice.



A Division of **WORLD PRECISION INSTRUMENTS**

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