

# Medical Device

CMOS Cameras

Tweezers

# Quality Assurance

Inspection Systems

Digital Microscopes

Pliers & Cutters

# Electronics

Magnifying Lamps

# Micro Assembly



\*prices are subject to change

# About Us

## Tools for Advancing Innovation

For more than 30 years, Aven has been a premier designer and manufacturer of high-performance optical instruments and precision tools for inspection and assembly. Our international presence and manufacturing locations throughout the world allow us to offer our customers a wide variety of technology at a competitive price, including unique solutions tailored to your specific needs.

**We understand as parts continue to get smaller and smaller, the need for the high-end technology is crucial.**

Aven provides extensive customer service and product support, even after the sale. To request a free live webinar or to schedule a demo with a representative, contact us at [info@aventools.com](mailto:info@aventools.com)

With manufacturer's representatives and distributions throughout the United States, Aven is positioned to serve your firm with the highest quality in precision inspection equipment and premium hand tools.

On behalf of the Aven team, we look forward to providing you with a custom solution to solve your needs.

Mark Kanpurwala  
VP of Sales and Marketing



# Which Digital Microscope Is *Right* For You?

Product	Page #	Measurement Software	USB Output	HDMI Output	Built-In Screen	Image/Video Capture
MicroVue	2	Internal Software	For Mouse & File Saving	Yes	Yes	Via Software / USB Storage
Mighty Cam Pro	3	Internal Software / Mosaic Measurement Software	Yes	Yes	No	Via Software / SD Card
Mighty Cam USB	Visit <a href="http://aventools.com">aventools.com</a>	Mosaic Measurement Software	Yes	No	No	Via Software
Cyclops 3.0	5	UM Viewer	Yes	Yes	No	Via Software
Cyclops HDMI	Visit <a href="http://aventools.com">aventools.com</a>	No	No	Yes	No	No
Mighty Cam Eidos	6	Internal Software	For Mouse & File Saving	Yes	Yes	Via Software / USB Storage
Mighty Scope USB	7	ezImageX3	Yes	No	No	Via Software
Mighty Scope ClearVue	8	ezImageX3	Yes	Yes	Yes	Via Software / MicroSD Card

# MicroVue

All-In-One Digital Microscope System



## MicroVue Accessories



MicroVue Auxiliary Lens 0.5x  
#26700-140-L05X



MicroVue Auxiliary Lens 2.0x  
#26700-140-L20X



MicroVue  
#26700-140

**17x-110x Magnification**  
\*on 11.6" Integrated Monitor \*



Item #	Description	Price
#26700-140	MicroVue Digital Microscope with Built-In HD Monitor	\$2,094.75
#26700-140-L05X	MicroVue Auxiliary Lens 0.5x	\$82.95
#26700-140-L20X	MicroVue Auxiliary Lens 2.0x	\$82.95

Ergonomic Design  
  
Built-In 11.6" Monitor

High Magnification  
  
17x - 110x on 11" Monitor

FULL HD  
  
1080p

USB Output  
  
Directly Save Image/Video

# Mighty Cam Pro Auto Flex

Digital Microscope

**Auto Flex**  
#26700-121-PRO

**7x-70x  
Magnification**  
\*On 22" Monitor\*



Computer Lens

18" Flex Arm

LED Ring Light w/ 96  
Ultra-bright, Adjustable LEDs



**DUAL  
OUTPUTS**  
USB & HDMI



#258-207-570

**Also Offered By Aven**

Mighty Cam Pro System Bundles  
Go to [aventools.com](http://aventools.com)



#258-181-556-PRO

Item #	Description	Price
#26700-121-PRO	Mighty Cam Pro Auto Flex Digital Microscope	\$2,251.91
#26100-258	Mighty Cam Pro Auto Focus Camera	\$1,296.75
#258-181-556-PRO	Mighty Cam Pro Macro Lens w/ Ultra Glide Stand	\$2,759.10
#258-207-570	Mighty Cam Pro Macro Lens w/ Post Stand	\$3,175.82

Included  
Software  
**Mosaic 2.1**

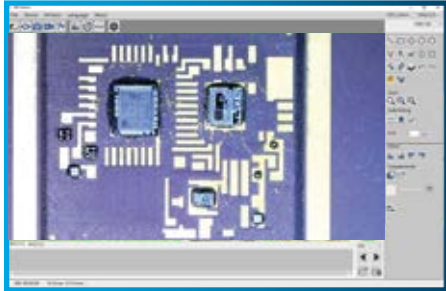
HDMI, USB  
& SD Card  
Outputs  
**Capture &  
Save Images  
Directly to SD Card**

Integrated  
Features  
**22" 1080p  
HD Monitor**

**7x-70x  
Magnification**  
**Auto Focus**

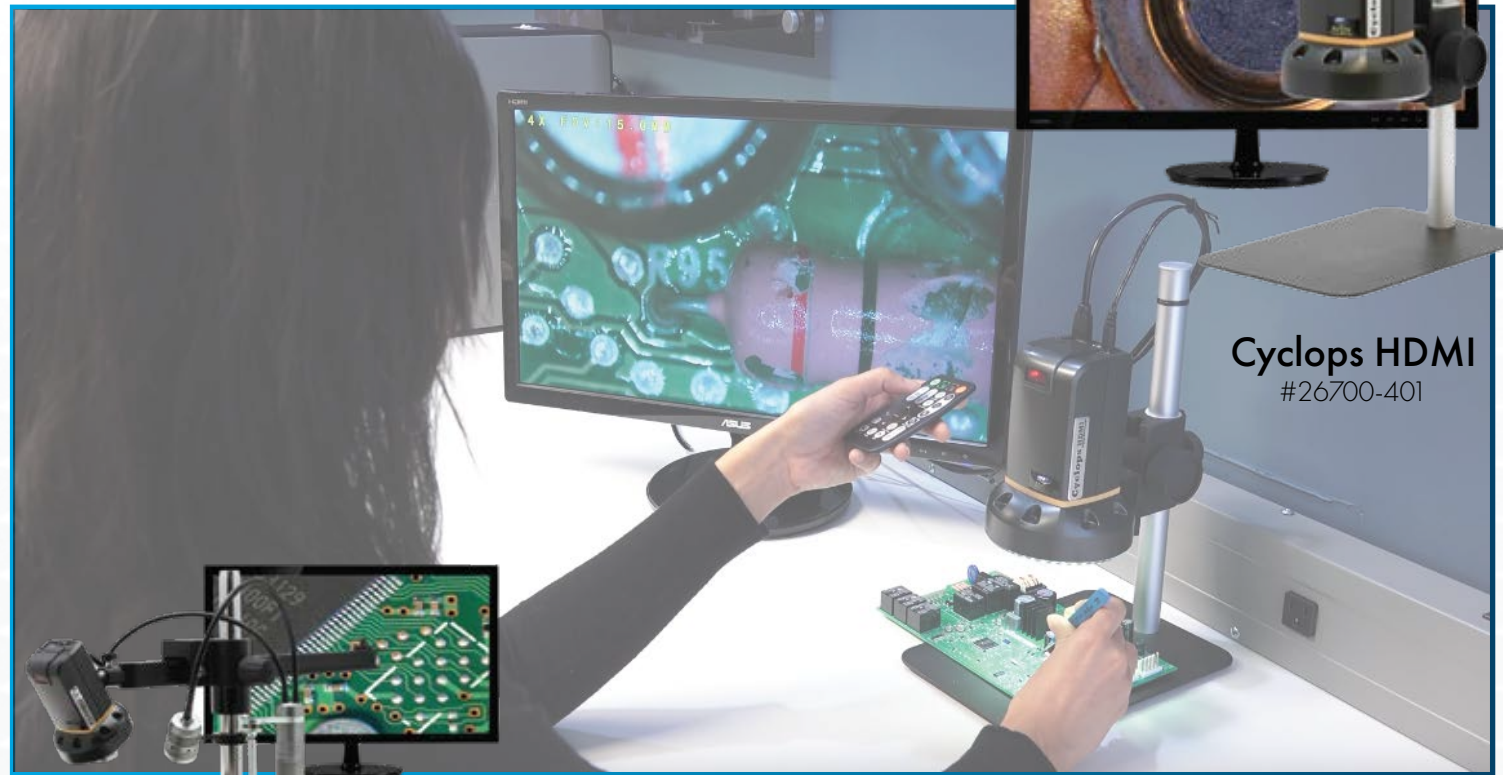
# Cyclops HDMI

Digital Microscope

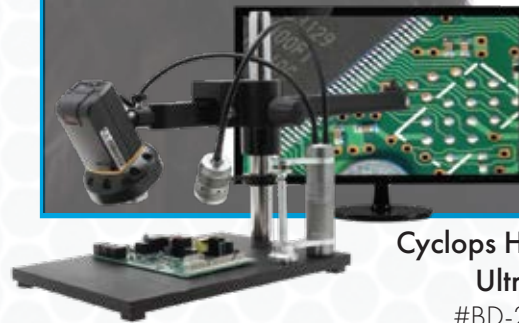


**Magnification Ranges up to 132x**

\*On 21.5" Monitor\*



**Cyclops HDMI**  
#26700-401



**Cyclops HDMI w/ 4x Lens on  
Ultra Glide Stand**

#BD-26800B-556-401

Item #	Description	Price
#26700-401	Cyclops HDMI [12x - 132x] w/ 4x Lens	\$995.00
#BD-26800B-556-401	Cyclops HDMI [12x - 132x] w/ 4x Lens on Ultra Glide Stand	\$1,764.81

HDMI  
Output to  
Monitor  
  
No  
Computer  
Required

1080p  
Resolution  
  
4x Objective  
Lens

High  
Magnification  
  
Up to  
132x

Integrated  
Lighting  
  
30 LEDs w/  
Intensity  
Control

# Cyclops 3.0

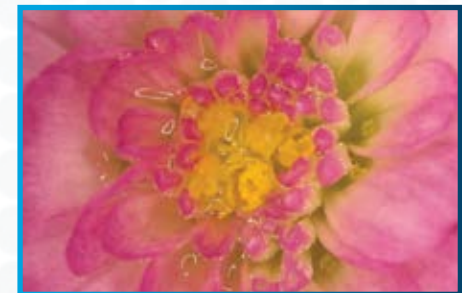
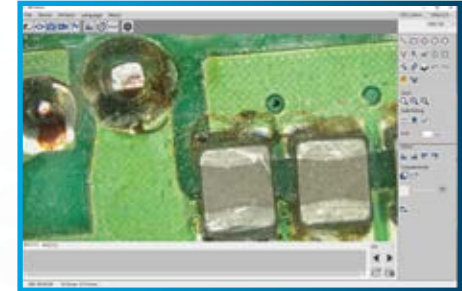
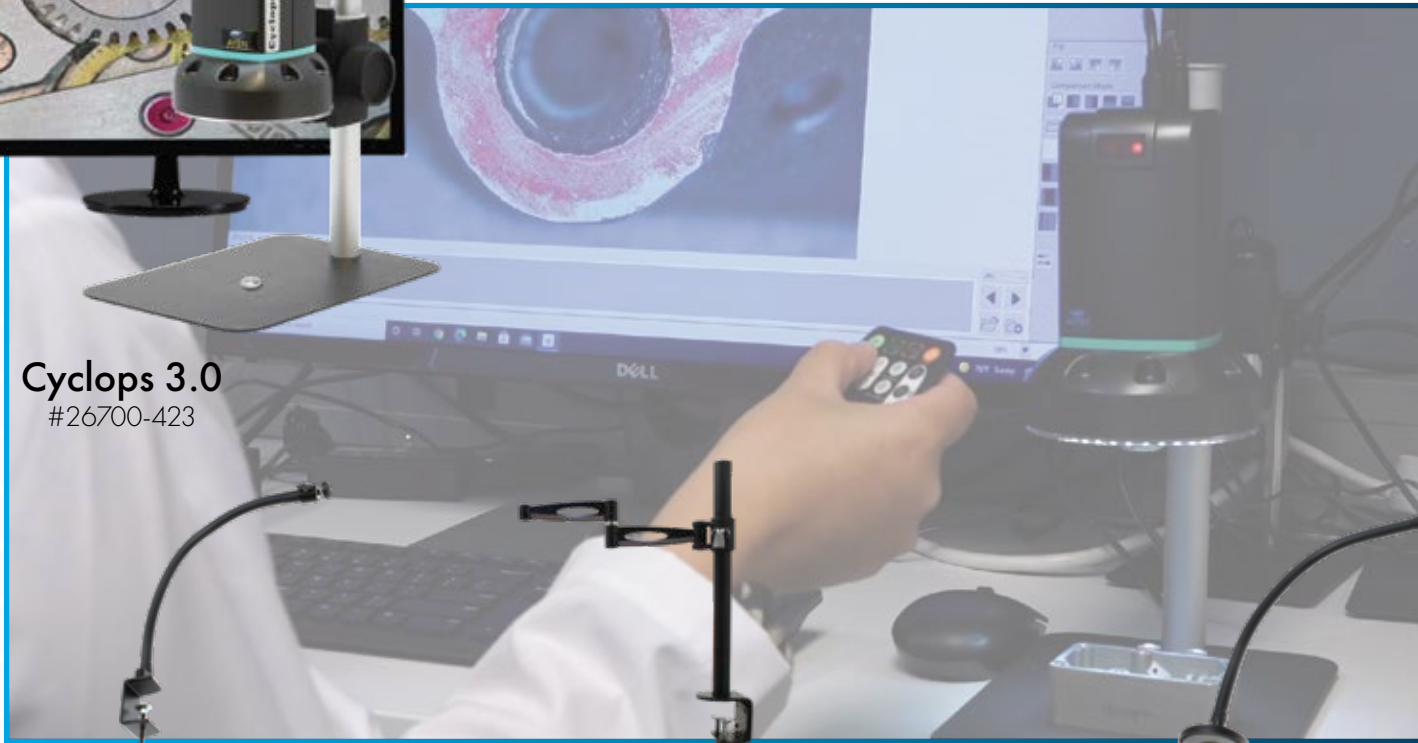
Digital Microscope



**13x-140x Magnification**

\*On 24" Monitor\*

**Cyclops 3.0**  
#26700-423



**18" Flex Arm With 360° Swivel Head and 2" Table Clamp**  
#26800B-557

**Articulating Arm Post Stand with Microscope Mount and Table Clamp**  
#26800B-553

**18" Flex Arm With 360° Swivel Head and Magnetic Base**  
#26800B-558

Item #	Description	Price
#26700-423	Cyclops 3.0 HDMI + USB [13x to 140x] with 4x Lens	\$1,335.00
#26800B-553	Articulating Arm Post Stand with Microscope Mount & Table Clamp	\$62.48
#26800B-557-412	18" Flex Arm With 360° Swivel Head & 2" Table Clamp	\$65.56
#26800B-558-412	18" Flex Arm With 360° Swivel Head & Magnetic Base	\$65.56

USB 3.0  
Type C

High Speed  
Transmission

13X - 140x  
Magnification

22MM -  
214MM  
Working Distance

FULL HD  
1080P

60 fps

Software  
Included

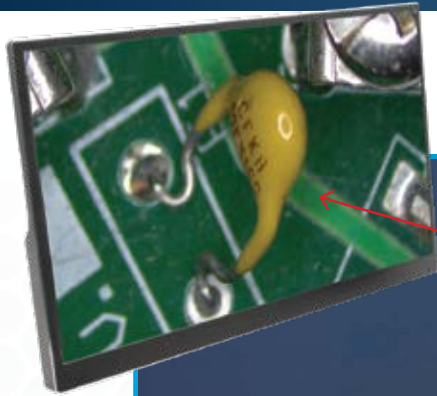
Share,  
Annotate &  
Measure

# Mighty Cam Eidos

Integrated Camera / Monitor

## Mighty Cam Eidos

#26100-260



11.6" Monitor Camera



Macro Vue Eidos  
#26700-117

SPZV-50E w/Mighty Cam Eidos ESD Safe  
#SPZV-50E-514-260



Item #	Description	Price
#26100-260	Mighty Cam Eidos Integrated Camera/ Monitor	\$1,077.34
#SPZV-50E-514-260	SPZV-50E w/ Mighty Cam Eidos ESD Safe	\$3,491.20
#26700-117	Macro Vue Eidos Inspection System w/ Standard Stand	\$2,509.51

11.6" All-in-One Monitor  
Ergonomic Viewing

HDMI Output  
View From External Monitor

FULL HD  
1080p

Built In Software  
Measure, Annotate & Share

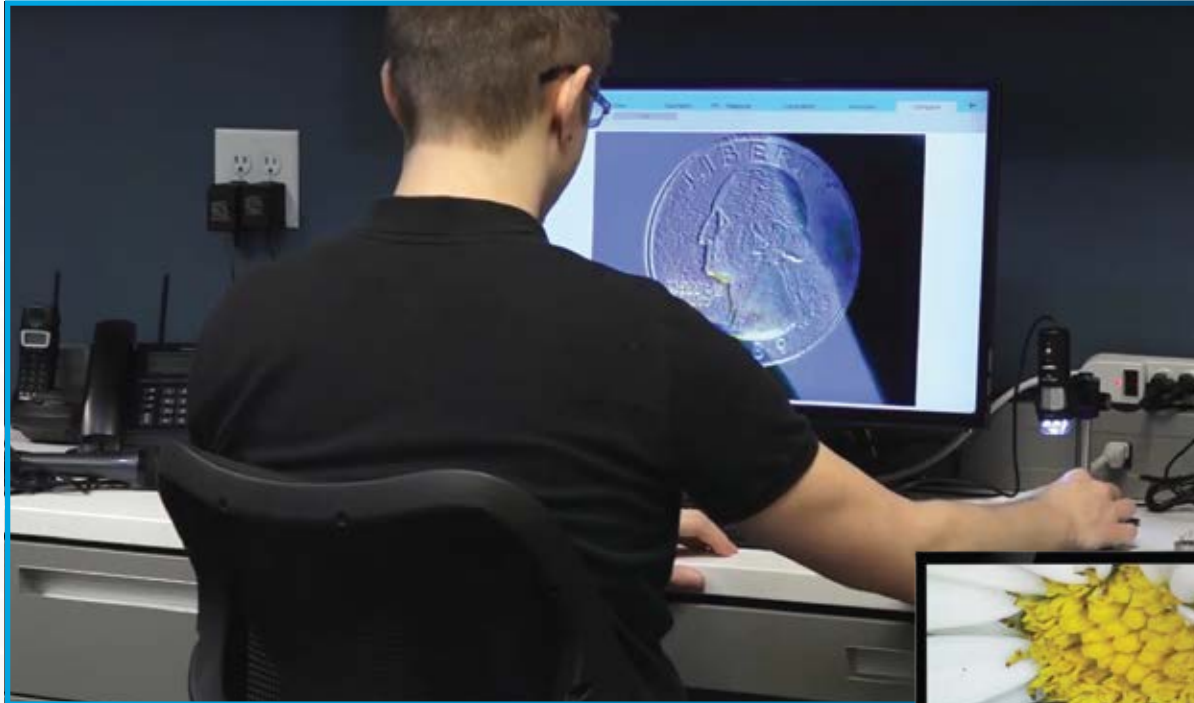


# MightyScope

Compact Digital Microscope

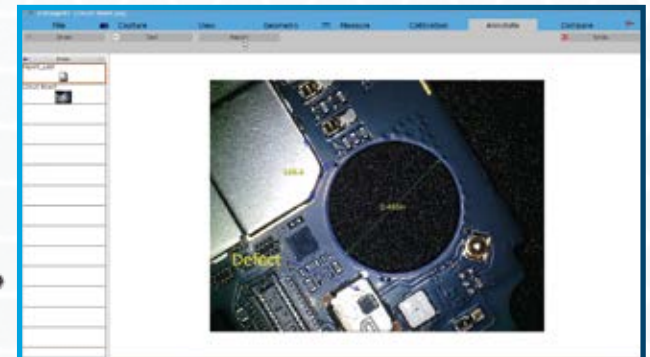
Small but **Mighty!**

**Mighty Scope 5M**  
#26700-209



**ezImageX3 Software**

Save images, measure, and annotate with ease from your computer



**10x-50x Optical Magnification**

\* 200x Digital \*



Item #	Description	Price
#26700-209	USB Digital Microscope 5M Mighty Scope [10x-200]	\$280.77

USB Connects  
Directly to  
Computer

Process &  
Share Images

10x-50x  
Optical  
Magnification

Up to 200x  
Digital

Built-In  
Features

Adjustable  
LEDs & Focus  
Wheel

ezImage X3  
Software  
Included

Measure,  
Annotate &  
Share

# Mighty Scope ClearVue

All-In-One Compact Digital Microscope

HDMI Output for Additional Monitor Viewing



ezImageX3 Download Included



All NEW ClearVue!

8x-25x Magnification



Mighty Scope  
ClearVue  
#26700-220-MNT



MightyScope ClearVue on 18" Flex Arm Stand w/ Table Clamp  
#26700-220-557

MightyScope ClearVue on 34" Spring Balanced Arm w/ Table Clamp  
#26700-220-559

Item #	Description	Price
#26700-220-MNT	MightyScope ClearVue on Post Stand	\$769.00
#26700-220-559	MightyScope ClearVue on 34" Spring Balanced Arm w/ Table Clamp	\$706.75
#26700-220-557	MightyScope ClearVue on 18" Flex Arm Stand w/ Table Clamp	\$664.26
#26700-220-558	MightyScope ClearVue on Flex Arm Stand w/ Magnetic Base	\$664.26
#26700-220-479	MightyScope ClearVue on Post Stand w/ Gliding Stage XYR	\$944.00
#26800B-479	Compact Gliding Stage XYR	\$175.00

ezImage X3 Software Included	8x-25x Magnification	5" High Resolution LED Screen	Micro SD Card Slot
Measure, Share and Annotate	On Built-In Monitor	1080P Full HD	Process, Save & Share Images

# Stereo Zoom

Binocular Microscopes

# Stereo Zoom

Trinocular Microscopes



**SPZ-50E**  
6.7x-50x  
Magnification

**SPZH-135**  
21x-135x  
Magnification



**SPZV-50E**  
6.7x-50x  
Magnification

**SPZHT-135**  
21x-135x  
Magnification

## Stands

## Mounts



Ultra-Glide Arm Stand  
w/Heavy Metal Base  
#26800B-556



Pole Stand with Focus Mount and  
LED Illumination  
#26800B-512



E-Arm Focus Mount  
#26800B-518



Ring Light LED with  
Integrated Focus Mount  
#26200B-207

## Cameras (Trinocular Option)



Mighty Cam USB 3.0 6MP CMOS Camera  
with Imaging Software  
#26100-244



Mighty Cam Eidos  
#26100-260



Mighty Cam Pro  
#26100-258



Item #	Description	Price
#SPZ-50E	SPZ-50E Binocular Microscope   ESD Safe	\$1,312.50
#DSZ-44	DSZ-44 Binocular Microscope	\$914.51
#SPZH-135	SPZH-135 Binocular Microscope	\$1,274.23
#SPZ-50	SPZ-50 Binocular Microscope	\$1,137.50



Item #	Description	Price
#SPZV-50E	SPZV-50E Trinocular Microscope   ESD Safe	\$1,810.16
#DSZV-44	DSZV-44 Trinocular Microscope	\$1,650.19
#SPZHT-135	SPZHT-135 Trinocular Microscope	\$1,615.48
#SPZV-50	SPZV-50 Trinocular Microscope	\$1,777.35

# In-X

Interchangeable Lens Magnifying Lamp

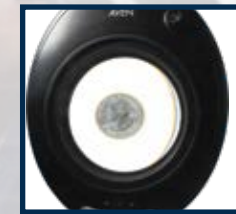
Easy Interchangeable Lenses  
**No Tools Required!**



**In-X Magnifying Lamp**  
#26501-LED-INX



5 Diopter  
2.25x Magnification



8 Diopter  
3x Magnification



12 Diopter  
4x Magnification



15 Diopter  
4.75x Magnification

Item #	Description	Price
#26501-LED-INX	In-X with Interchangeable Lenses (2.25x)	\$168.39
#26501-INX-RL15D	In-X 15 Diopter Lens (4.75x)	\$70.98
#26501-INX-RL12D	In-X 12 Diopter Lens (4x)	\$60.17
#26501-INX-RL8D	In-X 8 Diopter Lens (3x)	\$56.54
#26501-INX-RL5D	In-X 5 Diopter Lens (2.25x)	\$46.91

Inter-  
Changeable  
Lenses

Choose Your  
Magnification

64 SMD  
LEDs

20,000 Hour  
Lifespan

Brightness  
Controls

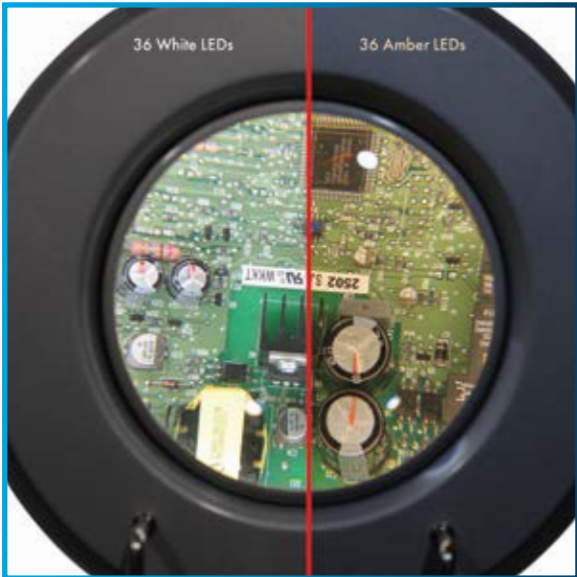
Touch  
Sensitive  
Buttons

Spring Arm  
Balanced

No Pinch  
Hazards

# ProVue Deluxe

Magnifying Lamp



ProVue Deluxe  
#26501-LFL-LED



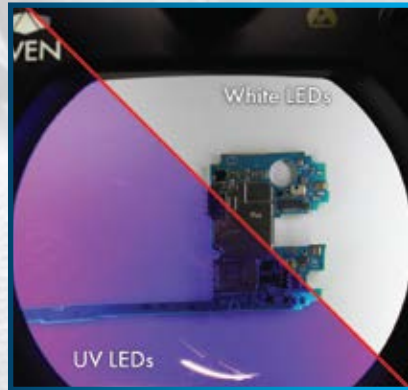
A Whole New **Vue**

Item #	Description	Price
#26501-LFL-LED	ProVue Deluxe Magnifying Lamp w/ White and Amber LEDs	\$311.85

Aluminum Construction	Brightness Adjustment	Enclosed Friction Arm	5in Glass Lens
Durable & ESD Safe	White/Amber LEDs	No Pinch Hazards	5-Diopter

# Mighty Vue Pro UV

Magnifying Lamp



- 5 Diopter Lens - 2.25x Magnification
- 3 Diopter Lens - 1.75x Magnification

Item #	Description	Price
#26505-ESL-XL3-UV	Mighty Vue Pro w/ UV and White LEDs	\$320.57
#26505-ESL-XL5-UV	Mighty Vue Pro w/ UV and White LEDs -ESD Safe	\$322.67

48 White LEDs

30 UV LEDs  
400nm Operation

ESD Safe

Dissipates Electronic Discharge

Covered Spring Balanced Arm

No Pinch Hazards

2 Lens Options Available

5 Diopter  
2.25x Magnification

3 Diopter  
1.75x Magnification

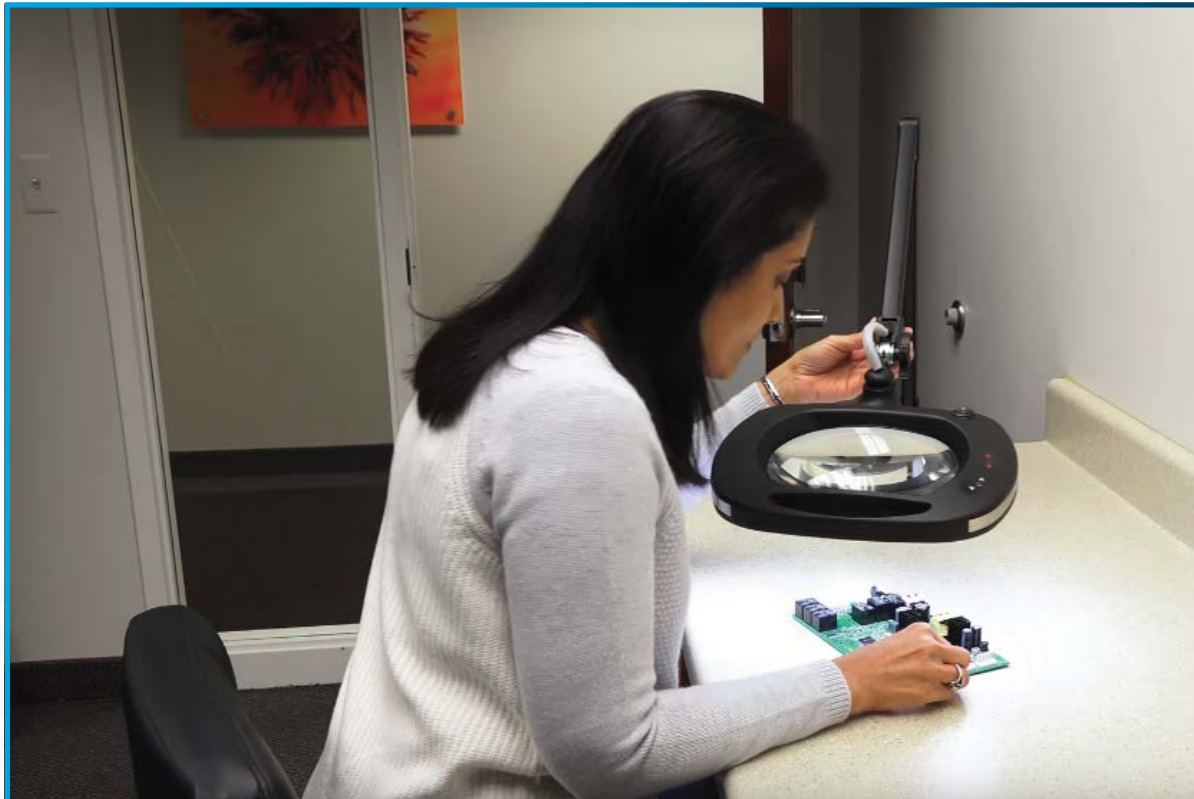
# Mighty Vue Pro 3D & 5D

Magnifying Lamp

## Check Out This **Vue!**



Color Temperature Controls



**Mighty Vue Pro 3 Diopter**  
-1.75x Magnification  
#26505-LED-XL3



**Mighty Vue Pro 5 Diopter**  
-2.25x Magnification, ESD Safe  
#26505-ESL-XL5

Item #	Description	Price	60 White LEDs	360° Swivel Lamp Head	Covered Spring Balanced Arm	7.5" x 6.2" Glass Lens
#26505-LED-XL3	Mighty Vue Pro 3D w/ Color Temperature Controls	\$204.54	3500K-6500K Color Temp Range	Heavy Duty Mounting Clamp	No Pinch Hazards	Crystal Clear Viewing
#26505-ESL-XL5	Mighty Vue Pro 5D w/ Color Temperature Controls - ESD Safe	\$237.62				



## Technik Plier Models

Item #	Description	Price
#10312	Smooth XL Bent Nose Pliers 5"	\$15.90
#10334	Smooth Round Nose Pliers 6"	\$16.37
#10315	Serrated Long Nose Pliers w/ Cutter 4.75"	\$15.90
#10953	Serrated Needle Nose pliers Curved 6"	\$16.17
#10314	Serrated Needle Nose Pliers 5.75"	\$15.90
#10313	Smooth Bent Nose Pliers 6"	\$15.90
#10310	Serrated Bent Nose Pliers 4.5"	\$15.90
#10309	Smooth Bent Nose Pliers 4.5"	\$15.90
#10306	Smooth Round Nose Pliers 5"	\$15.90
#10335	Smooth Flat Nose Pliers 6"	\$15.90
#10303	Smooth Flat Nose Pliers 4.5"	\$15.90
#10304	Smooth Flat Nose Pliers 5"	\$15.90
#10333	Serrated Chain Nose Pliers 6"	\$16.37
#10311	Smooth Chain Nose XL Pliers 5"	\$15.90
#10311S	Serrated Chain Nose XL Pliers 5"	\$15.89
#10307	Serrated Chain Nose Pliers 4.5"	\$15.90
#10302	Smooth Chain Nose Pliers 5"	\$15.90
#10301	Smooth Chain Nose Pliers 4.5"	\$15.90

## Technik Cutter Models

Item #	Description	Price
#10321	Oval Head Cutter 4.5" Semi-Flush	\$16.37
#10328	Oblique Head Cutter 4.5" Semi-Flush	\$16.37
#10327	End Cutter 4.5" Semi-Flush	\$16.37
#10331	Mini Tapered Head Cutter 14.3" Flush	\$16.37
#10326	Tapered Head Cutter 4.5" Flush	\$16.37
#10325	Tapered Head Cutter 4.5" Semi-Flush	\$16.37
#10323	Oval Head cutter 4.5" Flush	\$16.37



# Technik™

Stainless Steel

Rust Protection

ESD Safe Grips

Extra Comfort

Box Joint Construction

Precise Jaw Alignment

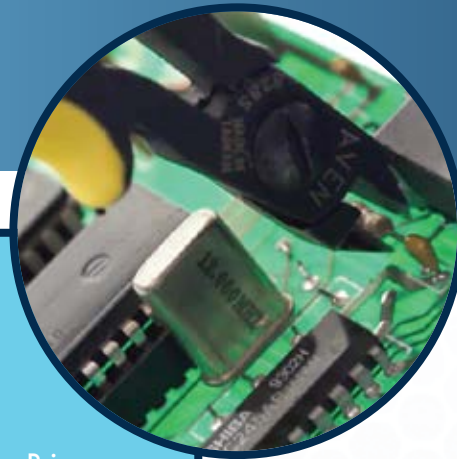
25 Different Pliers & Cutters

Range of Sizes & Styles Available



## Accu-Cut Cutter Models

Item #	Description	Price
#10821F	Oval Head Cutter Flush	\$21.82
#10821S	Oval Head Cutter Semi-Flush	\$21.82
#10822F	Oval Relief Head Cutter Flush	\$21.82
#10822S	Oval Relief Head Cutter Semi-Flush	\$21.82
#10823F	Large Oval Head Cutter Flush	\$21.82
#10823S	Large Oval Head Cutter Semi-Flush	\$21.82
#10825F	Tapered Head Cutter Flush	\$21.82
#10825S	Tapered Head Cutter Semi-Flush	\$21.82
#10826F	Tapered Relief Head Cutter Flush	\$21.82
#10826S	Tapered Relief Head Cutter Semi-Flush	\$21.82
#10827F	Mini Oval Head Cutter Flush	\$21.82
#10827S	Mini Oval Head Cutter Semi-Flush	\$21.82
#10828F	Mini Tapered Relief Cutter Flush	\$21.82
#10828S	Mini Tapered Relief Cutter Semi-Flush	\$21.82
#10829F	XL Oval Head Cutter Flush	\$21.82
#10829S	XL Oval Head Cutter Semi-Flush	\$21.82



# Accu-Cut

63-65 HRC

Forged  
Steel Blades

ESD Safe

Ergonomic  
Grips

Dual Leaf  
Spring  
Release

Reduces  
Hand  
Fatigue

Flush and  
Semi-Flush

Range of Sizes  
Available

# Blu-Tek

Laboratory Grade Tweezers

## Corrosion-Resistant Titanium PVD Infusion

Blu-Tek tweezers were designed for industrial and laboratory use. The attractive blue finish is a result of a **Titanium Nitride PVD Infusion Process**, giving the tweezers the strength, durability, and scratch & corrosion resistance of titanium. This process can **reduce friction** and provide a barrier against damage. The applications for this infusion process are ever expanding. Aerospace, automotive, defense, manufacturing and more where long lasting durability is crucial. Blu-Tek tweezers feature precise tips designed to remain aligned throughout the life of the tweezers.



# BLU-TEK

Item #	Description	Price
#18872	Fine Curved Tip Tweezer Style 7-SS	\$10.45
#18851	Fine Angled Tip Tweezer Style 51-SS	\$10.45
#18853	Straight Pointed Tip Tweezer Style 3-SS	\$10.45
#18862	Long Fine tip Tweezer Style 5-SS	\$10.45
#18865	Long Angled Tip Tweezer Style 5A-SS	\$10.45
#18800BTK	5 Pc. Blu-Tek Tweezer Kit W/ Storage Case	\$52.24

Titanium  
Nitride  
PVD Infusion

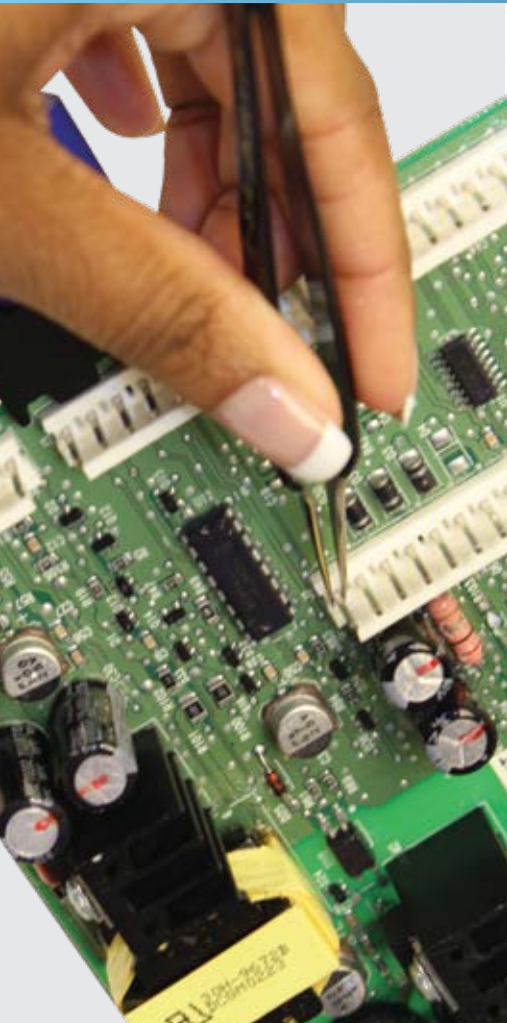
Corrosion  
Resistant

Strong,  
Slim, Precise  
Tips

Accurate  
Alignment

Easy To  
Use

Comfortable  
Grips



### Artis Tweezer Models

Item #	Description	Price
#18040ARS	Artis Tweezer Style SS-SA	\$10.89
#18023ARS	Artis Tweezer Style MM-SA	\$10.89
#18013ARS	Artis Tweezer Style AA-SA	\$10.89
#18072ARS	Artis Tweezer Style 7-SA	\$10.89
#18062ARS	Artis Tweezer Style 5-SA	\$10.89
#18056ARS	Artis Tweezer Style 3C-SA	\$10.89
#18049ARS	Artis Tweezer Style 2A-SA	\$10.89
#18043ARS	Artis Tweezer Style 1-SA	\$10.89
#18032ARS	Artis Tweezer Style 00-SA	\$10.89
#18480ARS	Artis 9-Piece Set With Carrying Case	\$98.00

### Angled Bend

- Provides a fatigue-reducing grip and larger surface area



Angled Bend

Reduces Hand Fatigue

ESD Safe Coating

Protects Tweezer grip

Polished Stainless steel Tips

Rounded Edges

Aven Exclusive Design

Larger Surface Area

# AVEN | Tools for Precision Inspection and Assembly



## See Before You Buy!

Request your FREE product webinar at [aventools.com](http://aventools.com)