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AVEN
26700-220-479
Mighty Scope
Clear Vue

AVEN 26700-220-479 Mighty Scope Clear Vue Owner's Manual

Contents

AVEN

AVEN 26700-220-479 Mighty Scope Clear Vue

Product Specifications

- **Item #:** 26700-220-479
- **Magnification:** 8x-25x | 40x-120x (on 24″ Monitor)
- **Effective Pixels:** 1920(H) x 1080(V)
- **Image Sensor:** 2M CMOS Sensor
- **Working Distance:** 45mm-95mm
- **Interface:** Mini USB – Type A / HDMI
- **PC Software:** EZImage X3
- **Illumination:** Integrated Ring Light

Product Usage Instructions:

Setup:

1. Connect the Mighty Scope ClearVue digital microscope to a power supply using the USB cable.
2. Adjust the magnification level using the focus wheel to achieve the desired zoom level.

Illumination Adjustment:
Use the adjustable LEDs to control the lighting for optimal image clarity.

Image Capture:

1. Press the snap shot remote control to capture images.
2. Save captured images directly to the included 32GB MicroSD card for easy storage.

Viewing and Sharing:

1. View captured images on the crystal-clear 5″ screen.
2. Process and share images using the ezImage X3 software included with the product.

Frequently Asked Questions (FAQ)

- **Can I adjust the magnification level of the Mighty Scope ClearVue?**
  Yes, you can adjust the magnification from 8x to 25x or up to 120x when connected to a 24″ monitor.
- **What is included in the package contents?**
  The package includes the Mighty Scope ClearVue digital microscope, USB cable, power supply, snap shot remote control, 32GB MicroSD card, 2600mAh 18650 Li-ion battery, user guide, ClearVue post stand, gliding stage, and free ezImageX3 software download.

INTRODUCTION

Mighty Scope ClearVue has a built in 5" high resolution LED screen and offers a magnification range of 8x -25x. The included rechargeable battery allows you to operate the microscope without a power supply for hours thus making it suitable for field projects. You can also connect this microscope to an external monitor via an HDMI output for viewing images on a larger screen. Images can be saved on the included Micro SD card. Can also be mounted onto a variety of stands to suit your application. Includes the Mighty Scope ClearVue Gliding Stage, with horizontal and vertical movement, as well as a rotating base. Ideal for smooth scanning of objects.

Features

- Compact All-in-one system
- 1080p Full HD Imaging at 60 FPS
- HDMI Output for additional monitor viewing
- ezImageX3 software download included
- 5" built-in HD screen
- Save high resolution image/video files directly to microSD card
- Enhances productivity – eliminates eye strain and body fatigue
- 1080p Full HD Output

Crystal Clear 5" Screen

EzImage X3 Download Included

Aven's Dual Gooseneck LED Task Light

Recommended for improved imaging & color control

Sold Separately #26537

SPECIFICATION

Item #	26700-220-479
Magnification	8x-25x | 40x-120x (on 24" Monitor)
Effective Pixels	1920(H) x 1080(V)
Image Sensor	2M CMOS Sensor
Working Dist.	45mm-95mm
Interface	Mini USB – Type A / HDMI
PC Software	EZImage X3
Illumination	Integrated Ring Light
Package Contents	Mighty Scope ClearVue digital microscope, USB cable, Power supply, Snap shot remote control, 32gb MicroSD Card, 2600mAh 18650 Li-ion battery, User guide, ClearVue Post Stand, Gliding Stage, Free ezImageX3 software download

SETTING INSTRUCTION

	Mighty Scope ClearVue on Spring Balanced Arm w/ Table Clamp **#26700-220-559** This arm can be raised, lowered, and tilted as needed. The swivel motion makes it easy to move the ClearVue out of the way when not in use. • Fully Covered 31″ Spring Balanced Arm • Adjustable Tension Knob
	Mighty Scope ClearVue on Flex Arm Stand w/ Table Clamp **#26700-220-557** This arm easily bends and stays put in any position. Tilt, rotate, and position as needed • 18″ Steady Mobile Flex Arm • 360° Swivel Head • 2″ Table Clamp
	Mighty Scope ClearVue on Flex Arm Stand w/ Magnetic Base **#26700-220-558** This arm easily bends and stays put in any position. Tilt, rotate, and position as needed • 18″ Steady Mobile Flex Arm • 360° Swivel Head • 3″ Magnetic Base
	Mighty Scope ClearVue on Post Stand **#26700-220-MNT** • 7″x8.5″ Metal Base • Vertical adjustment along 10″ Post
	Compact Gliding Stage XYR **#26800B-479** • Smooth vertical and horizontal movement w/ Built-in rotating stage • Compact design (5.3 x 4.7 x 3.6 inch base) • Metal rack and pinion construction • Designed to be used with optical and digital microscope systems
	Dual Gooseneck LED Task Light With Magnetic Base And 4″ Table Clamp **#26537** • Smooth vertical and horizontal movement w/ Built-in rotating stage • Powerful, long lasting ultra-bright LEDs provide 500lm of flicker and ghost-free illumination • On/Off button toggles between the lamps for single-lamp or dual-lamp lighting • Can be powered 3 ways: with included power supply, 3 AA batteries, or with a rechargeable lithium ion battery

Documents / Resources

 AVEN 26700-220-479 Mighty Scope Clear Vue [pdf] Owner's Manual
26700-220-479, 26700-220-559, 26700-220-557, 26700-220-558, 26700-220-MNT, 26700-220-479 Mighty Scope Clear Vue, 26700-220-479, Mighty Scope Clear Vue, Scope Clear Vue, Clear Vue

References

- **User Manual**