

## How a Complete Mantis System is Built

A Mantis system requires:

1. One Microscope Head (PIXO, ERGO, or IOTA)
2. One Stand Option (Verso Arm OR Column/Base option)
3. At least one Objective Lens

🔗 PIXO heads can also add optional imaging components.

### Step 1 – Choose Your Head

| Head Type | Vision SKU       | Notes   |
|-----------|------------------|---|
| PIXO      | MPH001<br>MPH003 | Stereo head with integrated HD camera. (standard or White/UV) Works with PIXO/ERGO lenses + optional imaging components |
| ERGO      | MRH001<br>MRH002 | Stereo head. (standard or White/UV) Works with PIXO/ERGO lenses   |
| IOTA      | MIH001           | Compact stereo head. Uses IOTA lenses only  |

### Step 2 – Choose a Stand Option

| Stand Type               | Vision SKU | Notes   |
|--------------------------|------------|---|
| Stabila Column           | MTB210     | Column for Mantis heads (requires MTB211 or MTB212) |
| Stabila Plain Base       | MTB211     | Plain Base (requires MTB210)                        |
| Stabila Illuminated Base | MTB212     | Illuminated Base (requires MTB210)                  |
| Verso Arm                | MTB200A    | Flexible positioning arm                            |
| Verso Forearm Ext.       | MTB201A    | Extends reach of Verso Arm                          |
| Pilot Stage              | MTB220     | Floating stage (compatible with MTB211 or MTB212)   |

### Step 3 – Choose Lenses

| Lens Type             | Vision SKU | Magnification / Compatibility   |
|-----------------------|------------|---|
| PIXO & ERGO Lens      | MTO003     | 3.0x – For PIXO & ERGO Only   |
| PIXO & ERGO Lens      | MTO004     | 4.0x – For PIXO & ERGO Only   |
| PIXO & ERGO Lens      | MTO006     | 6.0x – For PIXO & ERGO Only   |
| PIXO & ERGO Lens      | MTO008     | 8.0x – For PIXO & ERGO Only   |
| PIXO & ERGO Lens      | MTO010     | 10x – For PIXO & ERGO Only (not suited for Verso Arm)                                       |
| PIXO & ERGO Lens      | MTO015     | 15x – For PIXO & ERGO Only (not suited for Verso Arm)                                       |
| PIXO & ERGO SLWD Lens | MTO007     | 6.0x SLWD – For PIXO & ERGO Only  |
| PIXO & ERGO SLWD Lens | MTO009     | 8.0x SLWD – For PIXO & ERGO Only  |
| IOTA Lens             | MTO103     | 3.0x – For IOTA Only  |
| IOTA Lens             | MTO104     | 4.0x – For IOTA Only  |
| IOTA Lens             | MTO106     | 6.0x – For IOTA Only  |
| IOTA Lens             | MTO108     | 8.0x – For IOTA Only  |
| SLWD Lens Extension   | MTA314     | 6x/8x SLWD Objective Extension – For PIXO & ERGO Only (required when using MTO007 & MTO009) |

### Additional Components (PIXO Only)

|                       | Vision SKU | Notes  |
|-----------------------|------------|--|
| Microscope Controller | CAM-040    | Microscope Controller (PC) for Image Capture                     |
| HD Monitor            | CAM-028    | HD Monitor, 22" (HDMI Input)                                     |
| DimensionOne Software | VIS003     | Dimension One: Image capture, annotation, on-screen measurements |