Step 1. Remove all items from packaging. Confirm that all pieces listed and pictured below are present. If any piece is missing please contact Resonon at support@resonon.com.

Component List

1. Tripod and Case
2. Tilt Head and Computer support with pins
3. Rotation Head
4. Laptop Computer Baseplate with Battery Pack
5. Imager (if applicable)
6. Imager Quick Release and (2) 1/4-20 screws.
7. Battery Pack Charger Cable
8. Battery Pack to Scanner Cable
9. USB 3.0 Imager Cable
10. (2) Allen Wrenches
Step 2. Setup the Tripod

Turn the leg extension locks to release legs and tighten to lock the legs.
Step 3. Attach the Tilt Head to the Tripod.

Remove the screw knob from the bottom of the Tilt Head. Insert the Tilt Head Stud into the Tripod. Reattach and loosely tighten. Rotate the Computer Support Arm until it lines up with one of the Tripod legs. Fully tighten the knob.
**Step 4.** Connect the Rotation Head to the Tilt Head.

Pivot the Rotation Head Mounting Plate on the Tilt Head 90 degrees, so that the black plate is horizontal, as shown. Remove the four mounting screws. Line up the arrows and attach the Rotation Head, with the Motor on the right of the Computer Support Arm, to the Tilt Head using the included 9/64” wrench. Tighten the Tilt Head lever after the Head is in the desired position. (Note: Some images may differ slightly from your system)
**Step 5.** Attach the Computer Baseplate to the Support Arm.

Remove the lock pins from the Support Arm. Attach the Computer Baseplate to the Arm using the lock pins.

- First lock pin goes into the solitary hole.
- Second lock pin can go into any of the three holes for preferred Computer angle. This pin can also be left out for storage.
**Step 6.** Attach the Imager Quick Release Plate to the Imager if not already attached.

Using the 1/8” wrench provided, attach the two screws through the Quick Release Plate and into the imager. Align the Plate with the “Lens” arrow pointing towards the Imager Lens.
**Step 7.** Slide the imager and quick release into the rotation head.

Hold the Imager with the Lens pointed towards the “Insert” label on the Quick Release Mount. Gently slide the Quick Release into the holder until there is a click. Then move the Imager to desired position and turn the lock tab to secure.

To remove the Imager, loosen lock tab and push the quick release button on the opposite side.
Step 8. Connecting Rotation Head to Battery Pack and Computer.

Find the cord with the green ring and hexagonal shape and insert it into the green receptacle on the battery pack. Install the other end of the cord into the Rotation Head Motor. Be sure that the Battery Pack is switched to 12v.
Step 9. Connect Imager to Computer.

Find the USB 3.0 Imager Cable and attach the locking end to the back of the Imager. Insert the other end into a USB 3.0. (Note it must be a USB 3.0 port.)
Step 10. Using battery pack

To turn on the battery pack power. Press the power button to turn the pack on. The green area around the 12V connector should light up along with the USB and battery level screen. *Be sure that the power pack is switched to the 12V setting.*

To power the pack off, hold the power button for a couple of seconds. *Be sure to turn off the battery pack power when not in use.*

*Also, be sure that the camera and computer screen are oriented so that they will not contact or bind cables while rotating. Adjustments to the imager direction during setup or to verify cable management can be made by rotating the stage in the Spectronon software.*

Your Rotation Stage and Imager are now ready to be used. If you have any questions or concerns, please contact Resonon at support@resonon.com.
**Reverse Direction Feature.** A feature has been added in Spectronon that will allow you to change the direction of rotation in relation to the control buttons on the screen.
The rotation stage can also be used to scan in the vertical direction. Loosen the tilt head lever and rotate the imager down (between two legs). Tighten the lever. It may be necessary to first rotate the imager using Spectronon so that it is oriented correctly.
**Recharging the Scanner Battery Pack.** Make sure the battery pack is turned off. Plug the Charger into the battery pack (INPUT) and a wall outlet with the power cord.

The display will show “FULL” when battery is charged.