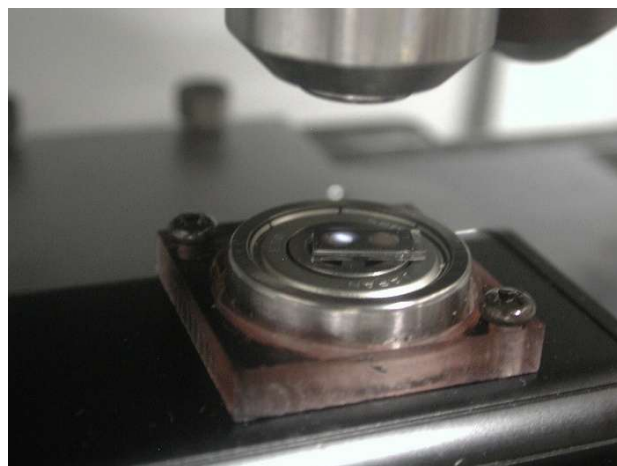


We do not intend to become a hardware provider for SERS, but sometimes we cannot resist developing a simple tool when we believe it can help our customers.

We have long recognized the advantages of scanning a laser beam across a SERS spot during measurement. First, when the laser intensity is too high, the SERS spectrum may develop an unstable baseline, while the Raman peak intensities can rapidly decrease under one minute. With scanning, we can significantly mitigate these problems. Second, when target molecules are unevenly distributed across a SERS spot, scanning enables real-time spatial averaging. Of course, averaging can also be performed by collecting multiple SERS spectra from different locations, as has traditionally been done. However, scanning provides an immediate indication of sample uniformity and overall quality.

Some of our customers have evaluated our rotating stage and they confirmed its benefits. In response to their requests, we have decided to add it to our product lineup.



Specifications

- * **Rotational speed:** 4 rpm for the standard version; other speeds are available upon request.
- * **Power supply;** Two AA batteries.
- * **Dimensions:** 75(L) x 40(W) x 22(H) mm. Its length matches that of a typical microscope slide, allowing it to fit neatly onto the stage of a standard microscope.
- * **Weight:** 70 g.