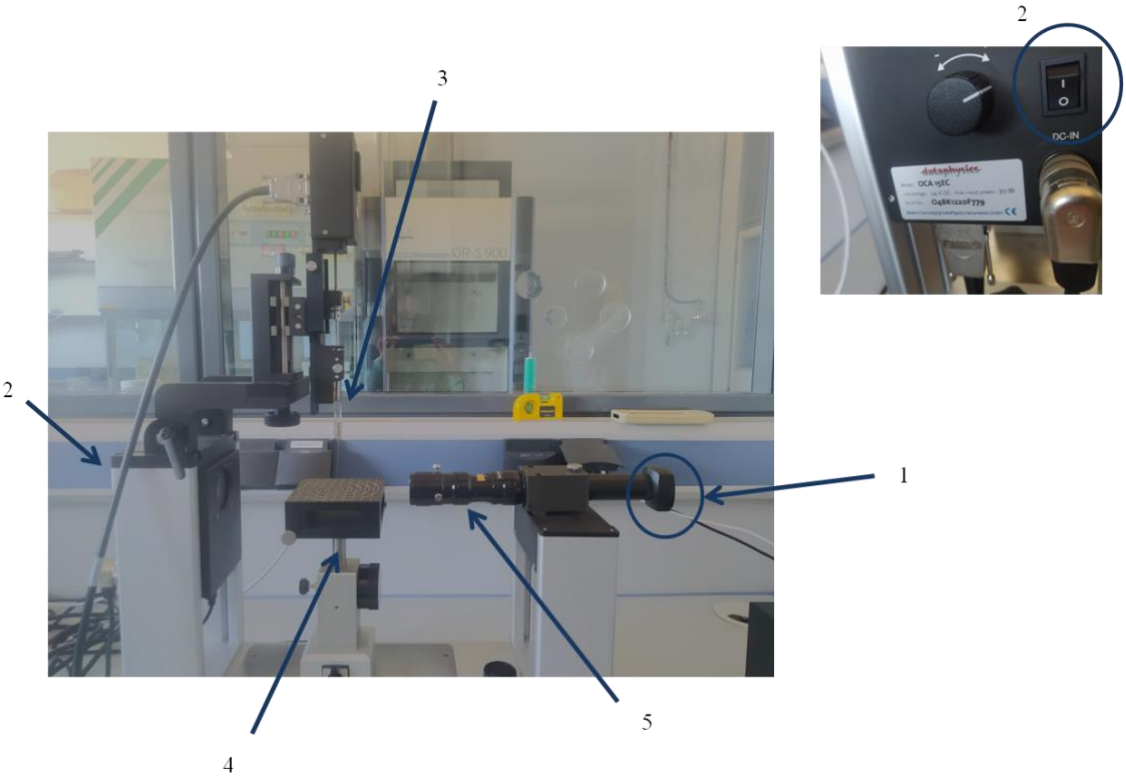
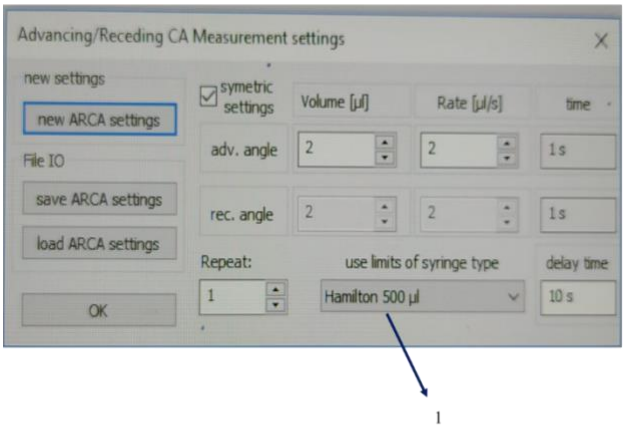
Dataphysics OCA 15EC Goniometer

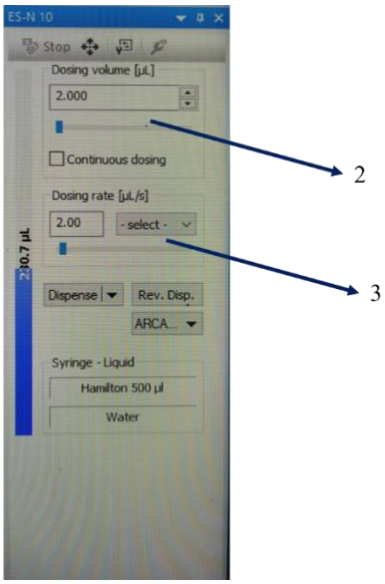


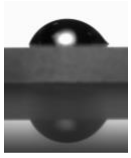
Measurement:

1. Uncover the instrument
2. Fill the registration sheet
3. Connect the instrument and the camera to the computer (1)
4. Turn on the instrument (2)
5. Initiate the DPI software
6. Fill the Hamilton syringe with your prove liquid, making sure that all pumps are removed
    a. Make sure that there are no bubbles (you can use the sonicator for a few minutes to eliminate them)
7. Attach the needle to the syringe
8. Place the syringe in its place (3)

9. Prepare the measurement conditions:





   a. Select the syringe you are going to use **(1)**
   b. Select the dose **(2)** and rate (3)
   c. Select the in vivo recording
      i. Put a drop in the platform and move it to see it properly (4)
      ii. Focus the camera (5)
10. Put a drop in the platform and move it to see it properly
   a. With the drop pending on the needle
   b. Bring the platform close to the drop until it makes contact
   c. Move the platform down until the drop is centred on the camera
   d. Focus the camera
11. Measure
   a. Zoom in the drop 
   b. Draw the base line of the drop
   c. Draw the circumference
   d. Obtain the measurement
   e. Measure different parts of the surface
12. After using the instrument, turn everything off and **COVER THE INSTRUMENT WITH THE PLASTIC**

If you have any doubts about how to use the instrument, please contact the person in charge; you can find the person in charge in the group's Drive ("people in charge" -> lista equipamiento y responsables)

You can find the complete user's manual in:

Lascaray 2.03 in the drawer USER'S MANUAL

Main lab in the Folder USER'S MANUAL

Contact:
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www.dataphysics-instruments.com