**TP3 UV**

# UV-Visible spectrophotometer



Figure 1 Instrument

This instrument is controlled by the software CARY Win UV. Manual instructions is provided on Moodle.

# Cell

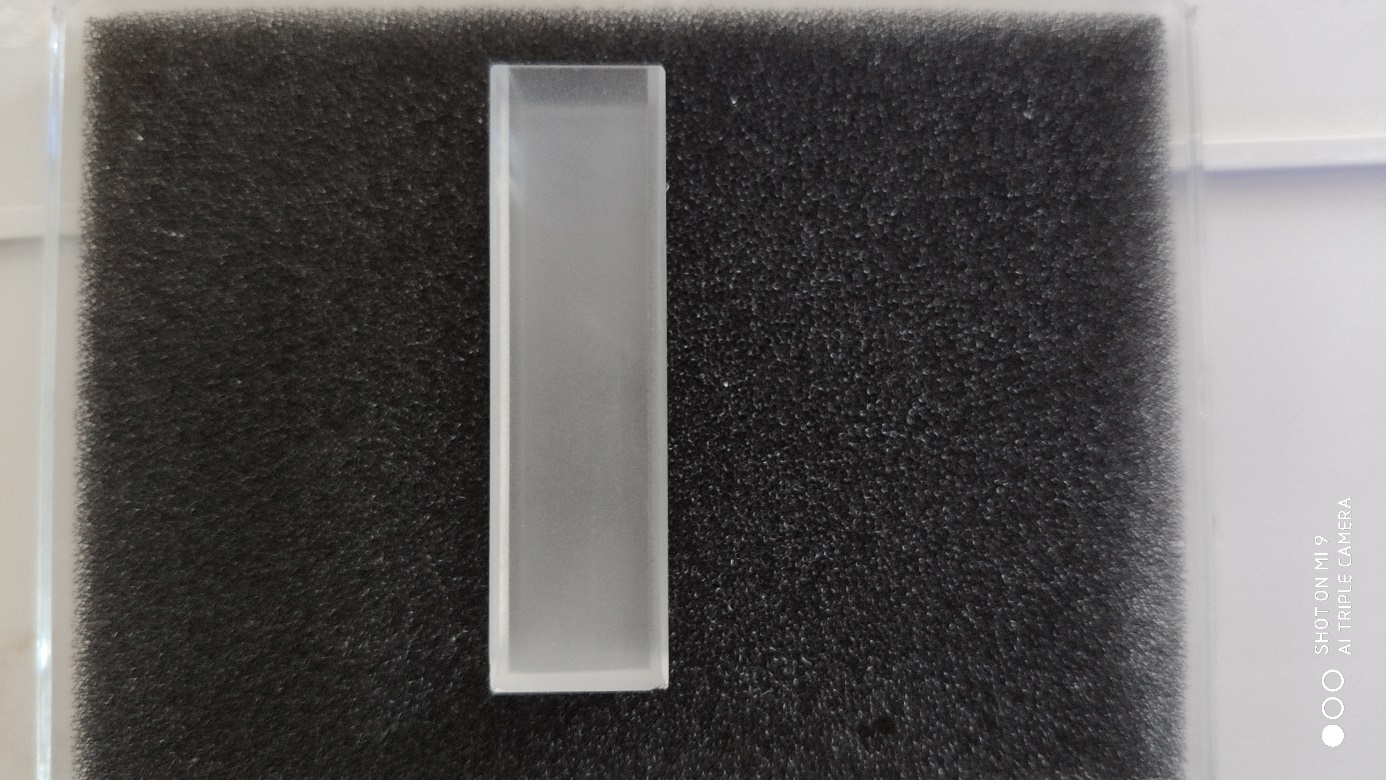
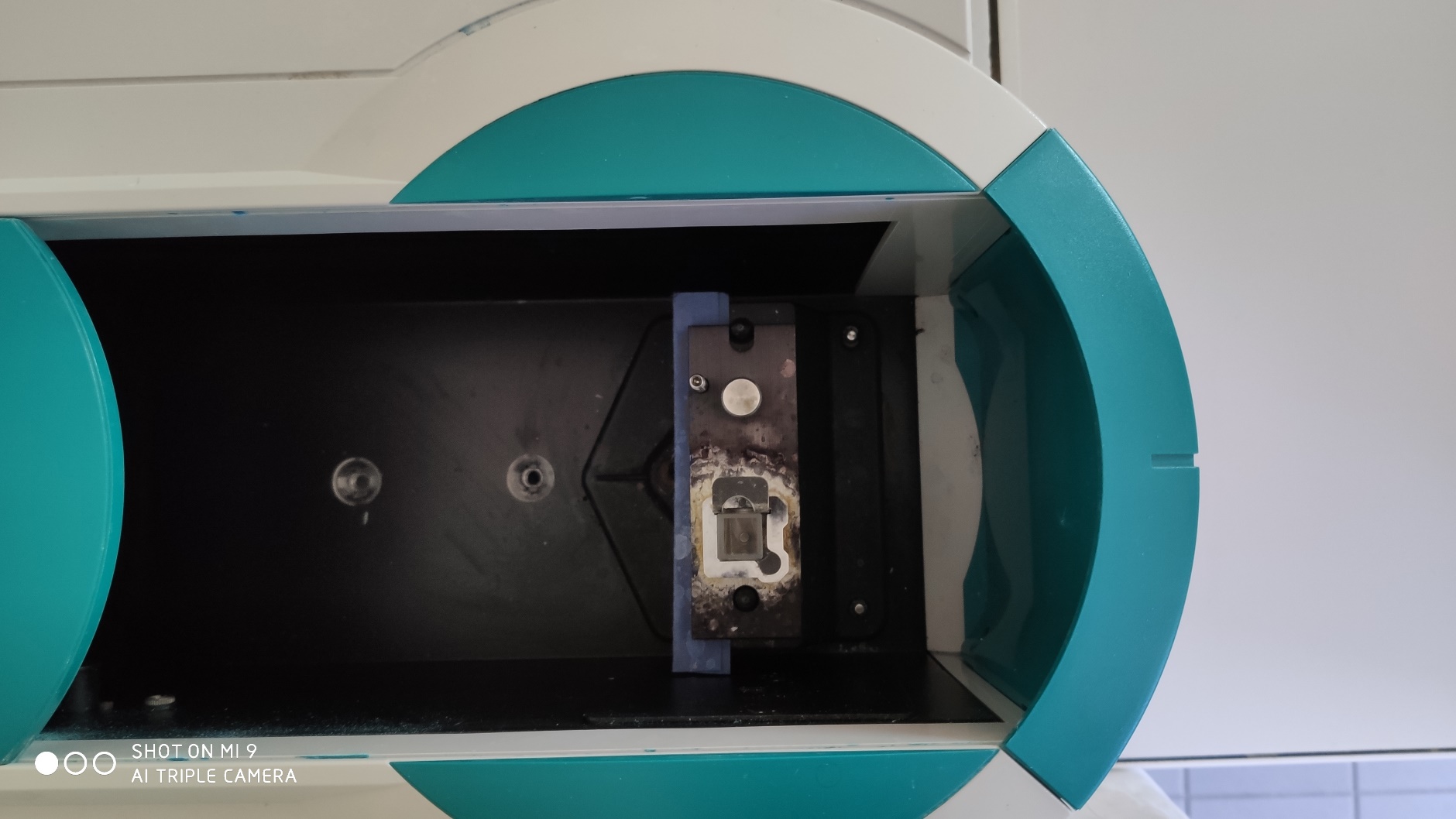


Figure 2 Front (clear) and side (frosty) of the cell

Cell used during the lab work optical path 1 cm. The cell is fragile, it’s made of quartz and costs around 150€.

Fill the cell volume to 3/4. Rinse carefully twice before drying of the external front side before any measurment.

# Cell in the instrument



Clear part of the cell in the direction of the beam

Beam direction

Figure 3 Opened instrument from above