**TP1 IR**

# Spectrum BX



Figure IR spectrometer

# Polystyrene film



Figure Polystyrene film



Laser beam

Film

Figure 3 Position of the film in the instrument

# Liquid sample

## NaCl plates



Figure NaCl plates



Methyl oleate film between NaCl plates

Figure 5 Position in the instrument

## HATR



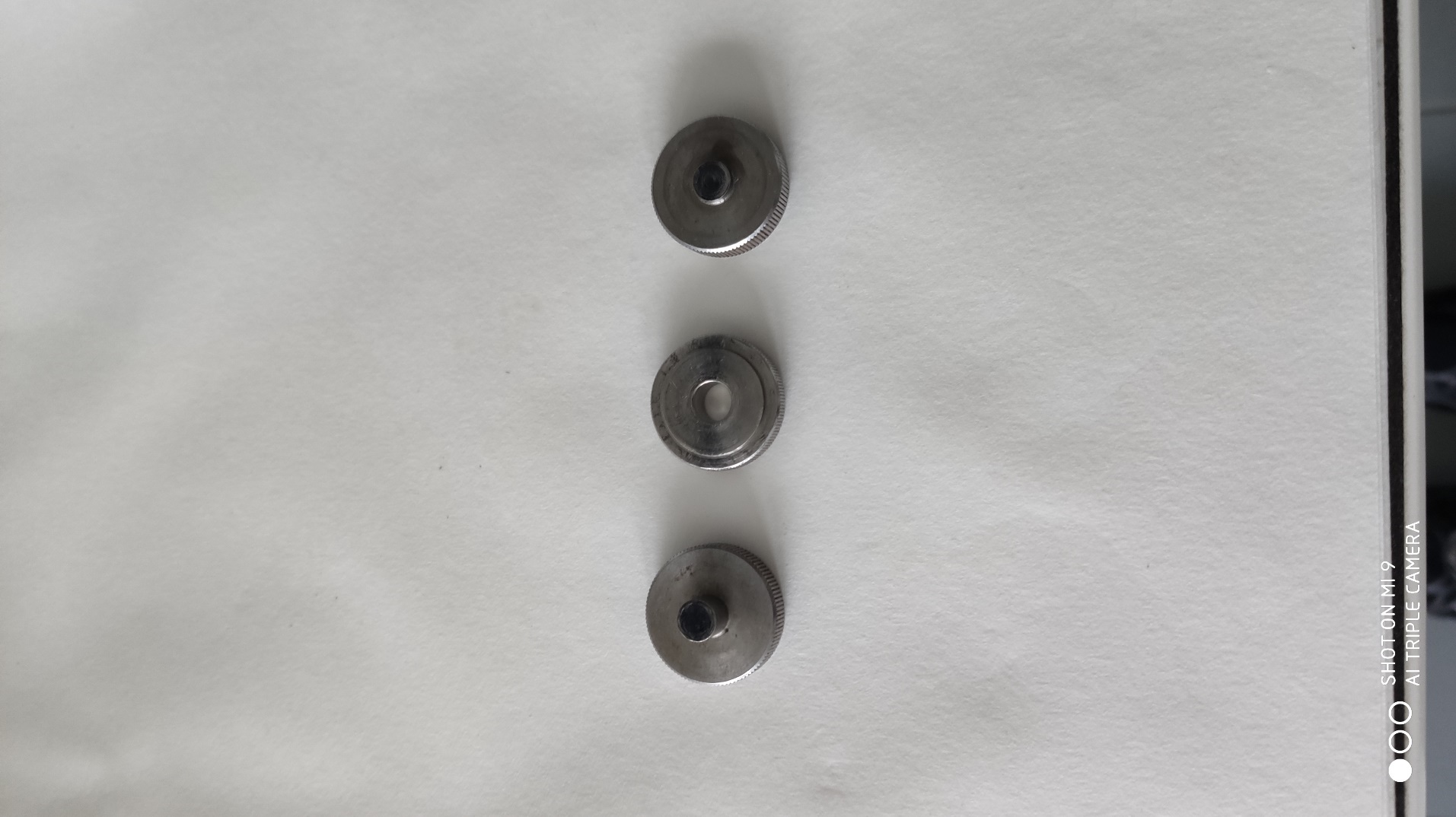
Methyl oleate on HATR

Figure 6 HATR in Spectrum BX

# 4.Solid Sample



Figure 7 Tool to prepare a KBr thin transparent solid film



Thin transparent solid film part

Lower part

Upper part

Figure 8 Parts of the previous tool

The preparation on a thin film of KBr will be performed in a video on Moodle.



KBr thin film

Figure 9 Position in the instrument

# 5.HCl

A video was made to show how to make HCl gas on moodle.

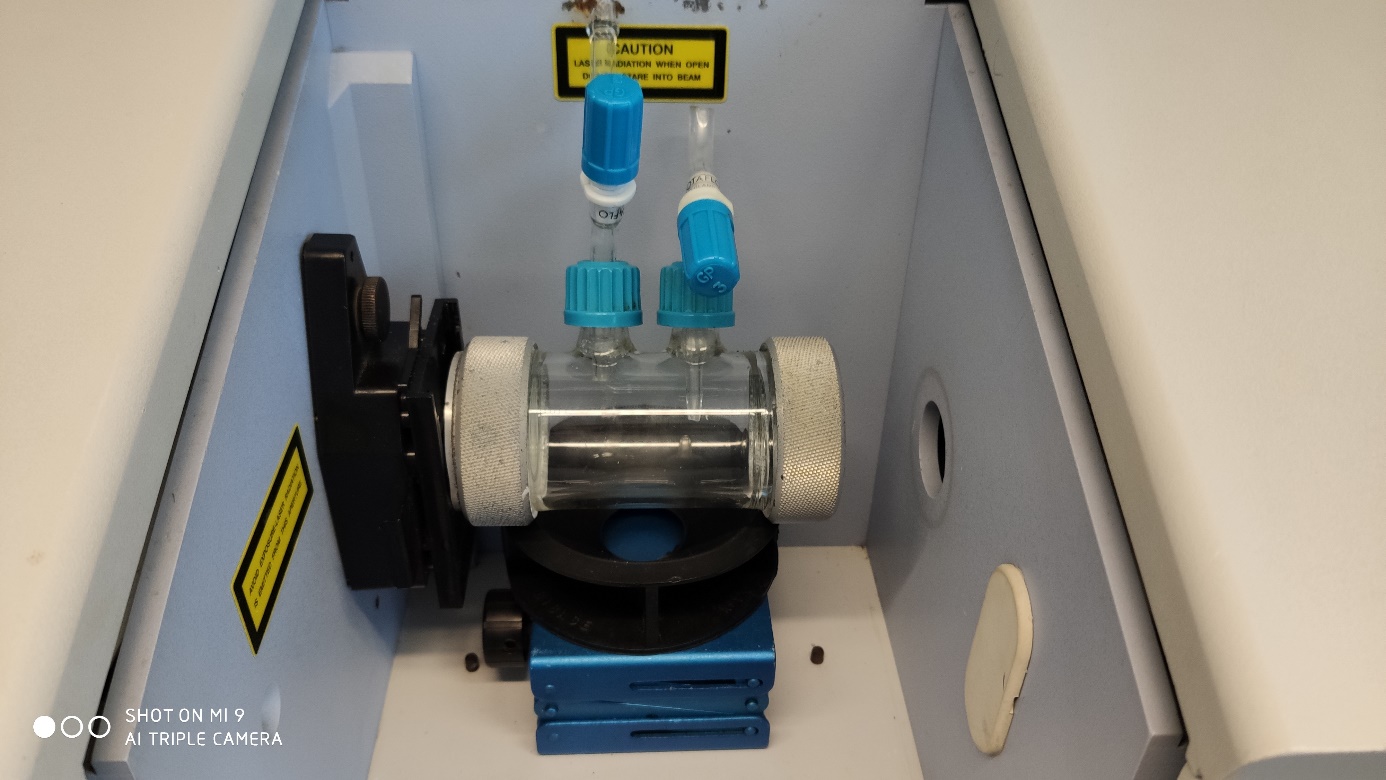


Figure 10 HCl cell in Spectrum BX

# 6.Diesel



Outflow

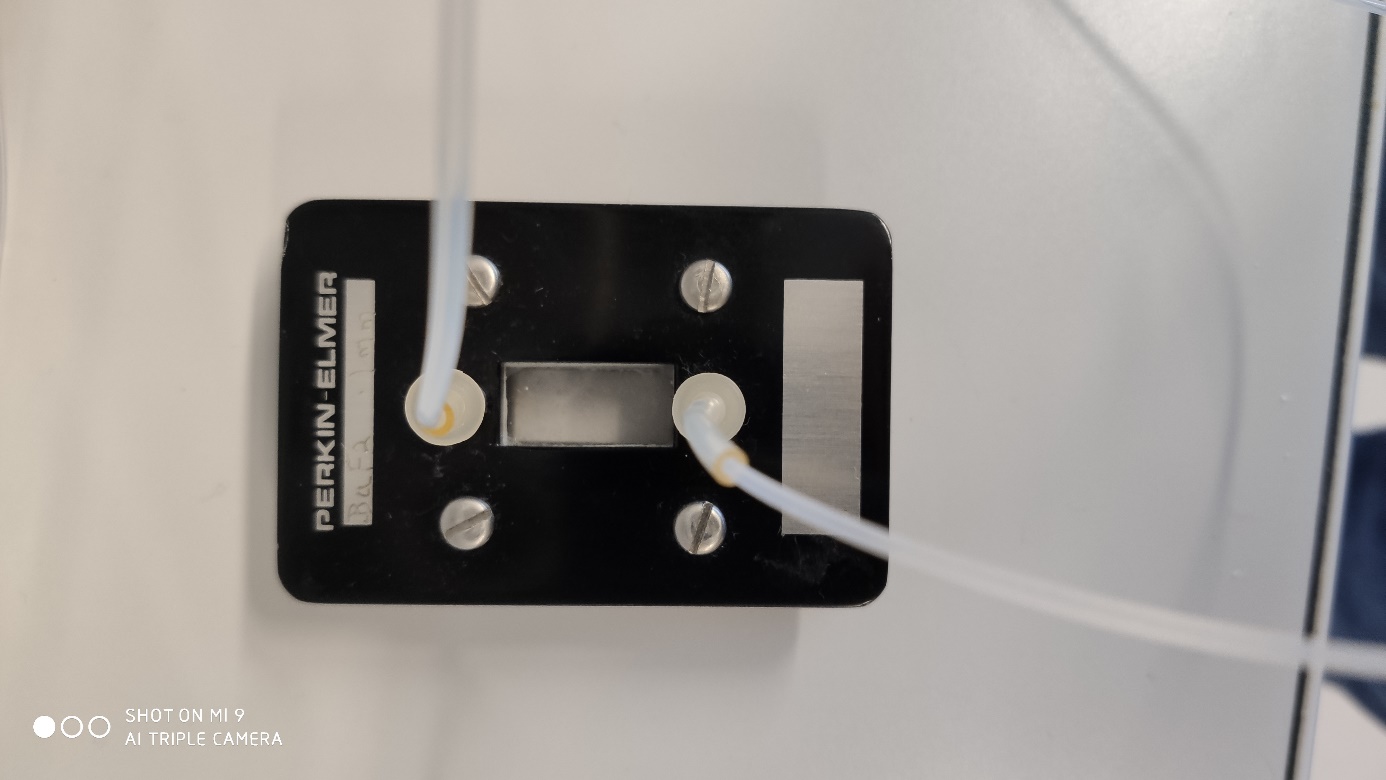
Inflow

Trash

Pump

Diesel or cyclohexane

Figure 11 Pump system for Diesel



Diesel film between 2 glass plates

Outflow

Inflow

Figure 12 Front of the cell



Diesel film

Outflow

Inflow

Figure 13 Cell in the instrument