

## Combined Static and Dynamic Light Scattering



**Fig. 1:** Close-up of the index matching vat.

**ALV 5000e compact goniometer system (ALV Langen, Germany)**

**light source:**

632 nm HeNe laser

**detection:**

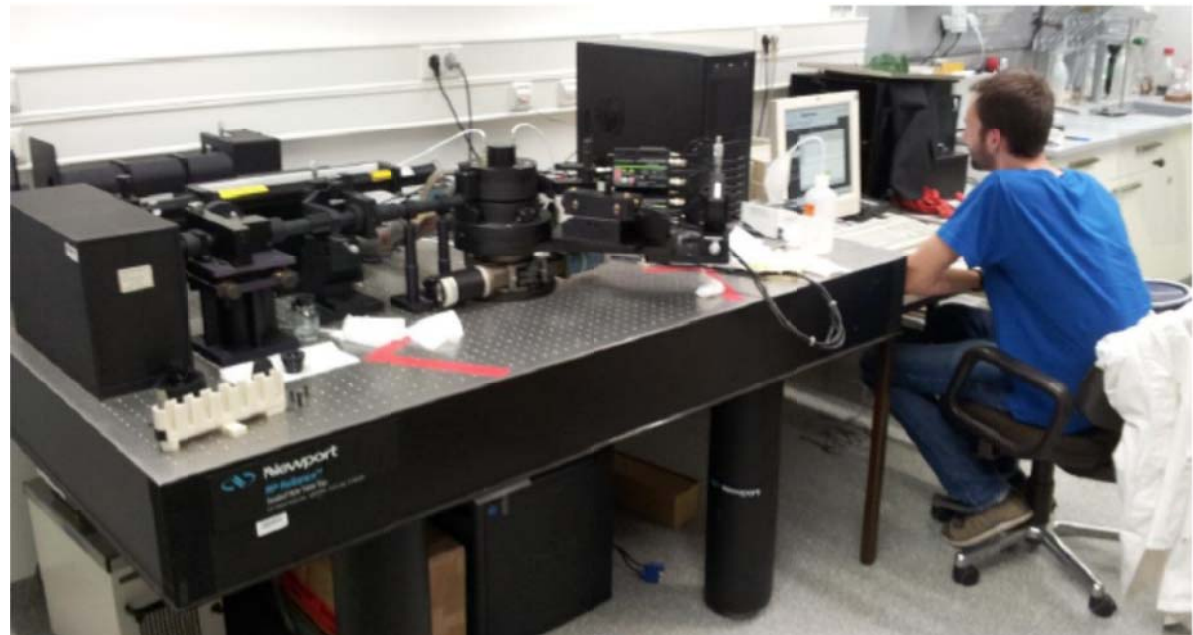
APD or Channeltron PMT based single photon detection.

**goniometer:**

ALV-125 goniometer applicable in a temperature range of  $10^{\circ}\text{C} < T < 40^{\circ}\text{C}$

**correlator:**

multiple tau digital correlator with 288 channels, Model 5000e)



**Fig. 2:** The Light Scattering device is mounted on an optical table.