

## SOLSA ID1 Diffractometer

The SOLSA EU project is a H2020 project allocated for the 2016-2020 period. It targets a more efficient on-line on-site characterization of drilled cores using x-ray diffraction and fluorescence, and Raman and IR spectroscopies. In this goal a first prototype of the diffractometer has been constructed, which enables simultaneous measurements of XRD-XRF-Raman\_IR techniques.

Figure 1a represents the 4-circles XRD diffractometer as printed with our Ultimaker printer, and Figure 1b the real tool.

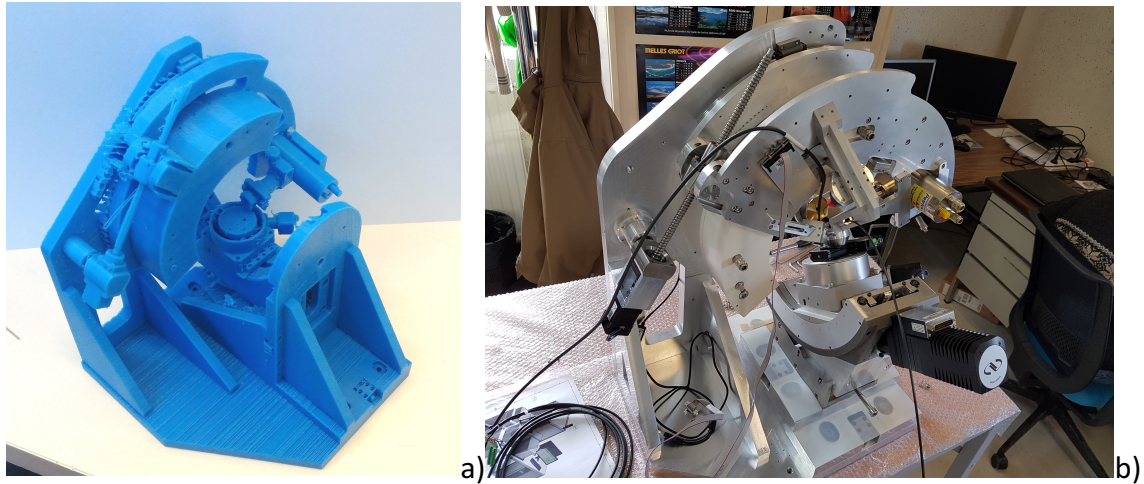


Figure 1 : a) ID1 4-circles diffractometer of SOLSA and b) its real analogue