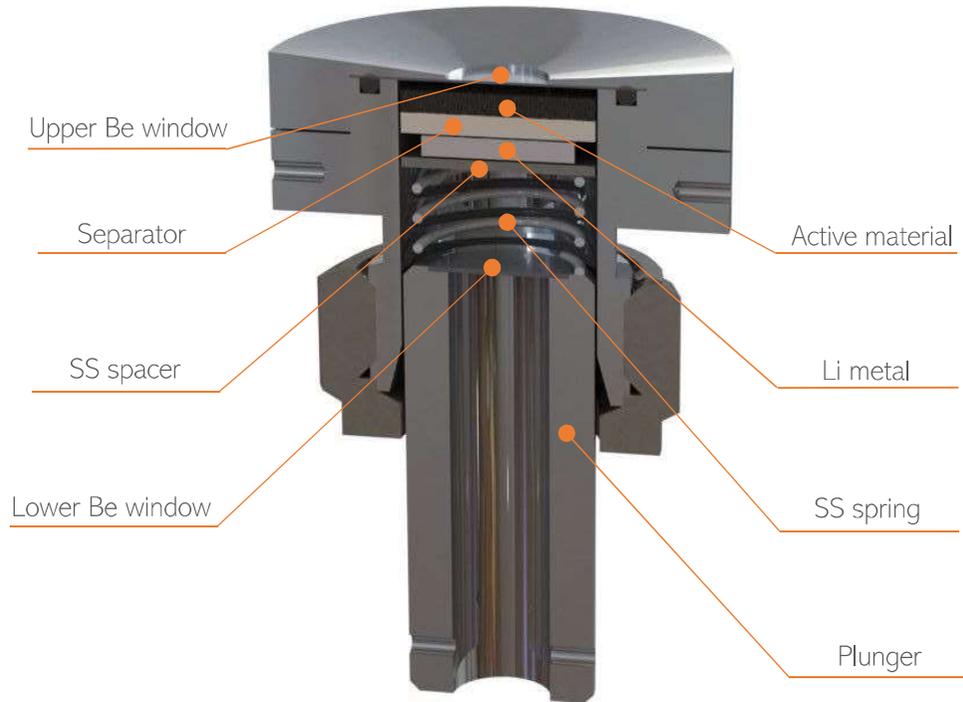


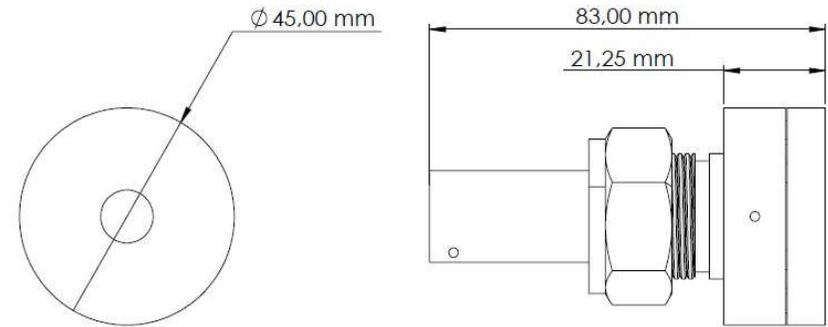
## Mössbauer analysis cell S4R-MXC



### Presentation

The S4R-MXC cell is dedicated to the monitoring of the evolution of the Mössbauer parameters in the operando (or in situ) mode. To ensure high transmission level of  $\gamma$ -rays through the absorber (electrode) high purity beryllium windows are used. Their thickness has been optimized for energies as low as 14.4KeV. The transparent diameter has been optimized to allow enough pressure on the electrode as well as sufficient area for fast data collection. Typically, with LFP, high-quality data are obtained within 1 hour using a radioactive source of 925 MBq. The internal geometry is adapted for use in both vertical and horizontal orientations so that it can be adapted on all kinds transmission spectrometers.

### Specification



Cell diameter	45 mm
Cell length	83 mm
Upper Be window diameter	29 mm
Lower Be window diameter	14 mm
Weight	App. 450 g

### Features

- Compact design
- Quality materials (stainless steel 316, PTFE)
- Ease of assembly and disassembly
- Easy recovery of electrodes after experiments
- Easy component cleaning

