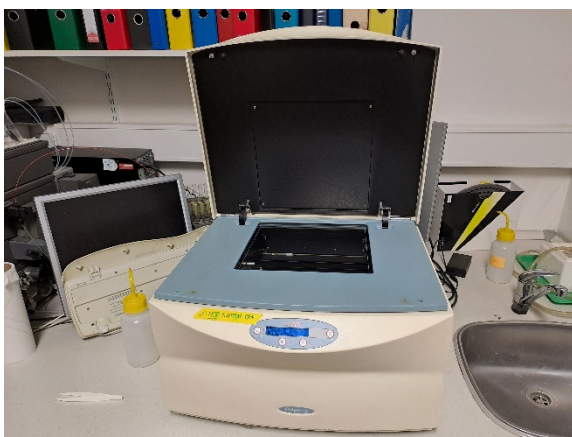
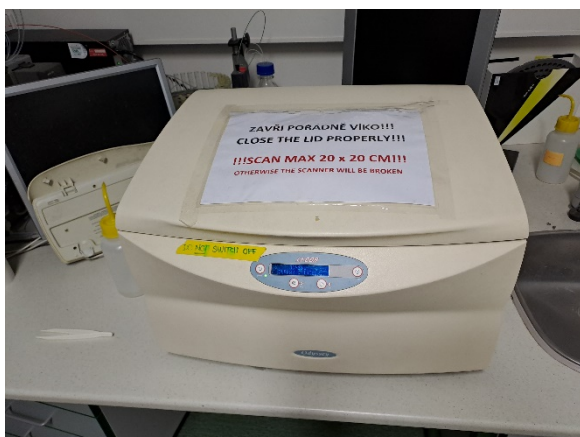


## Odyssey Classic Infrared Imaging System



Li-Cor Odyssey scanner allows precise quantification of the signal of near-infrared fluorophores. It is mainly used to scan nitrocellulose or PVDF membranes, but also gels, plates and small animals can be scanned as well. The Odyssey detection system uses two completely independent detection channels – one for each IR dye. This system allows analysis of two infrared dyes at one time, with higher sensitivity when compared with systems using LED or visible white light. Detection area is 20 x 20 cm.

### Applications:

Infrared Western blot, In-gel Western analysis, Coomassie-stained gels, SYTO 60, In-Cell Western analysis, *in-vivo* imaging.

### Parameters:

**700 Channel Laser Source:** Solid-state diode laser at 685 nm.

**800 Channel Laser Source:** Solid-state diode laser at 785 nm.

**Detectors:** Silicon avalanche photodiodes.

**Scanning Speed:** 5-40 cm/s.

**Resolution:** 21-337  $\mu\text{m}$ .

**Focusing:** Scan bed is movable in the Z-dimension, allowing the fluorescence detection microscope to be aligned to the top surface of the glass to obtain the best signal-to-noise ratio.

### Location:

Dall building, 1<sup>st</sup> floor, room 112

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