

FYSS6320 - Vacuum Techniques

# The MARA-LEB Vacuum System

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# 1. Introduction

The Low Energy Branch (LEB) is a new facility, designed as an extension for the MARA (Mass Analysing Recoil Apparatus) deflector at the Accelerator Laboratory in the University of Jyväskylä.

MARA-LEB will serve as a system for additional isotopic and mass selection after MARA.

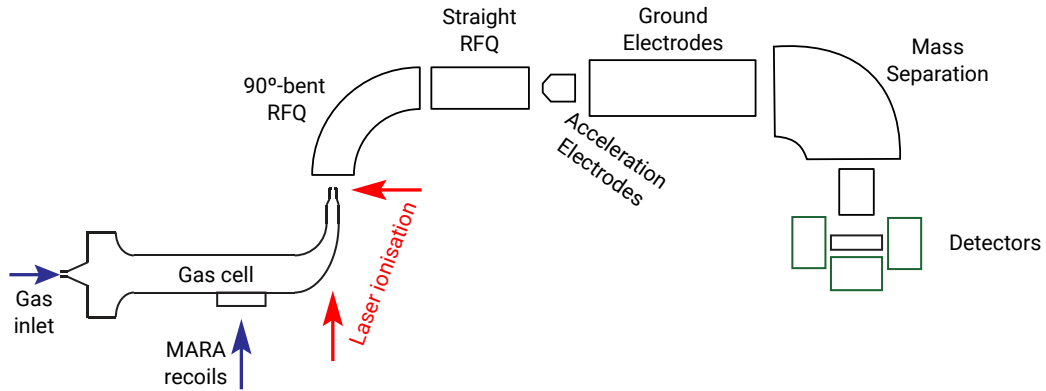


Figure 1: Diagram of the MARA-LEB facility, highlighting the gas cell and showing in-gas-cell laser ionisation.