KEY FEATURES:

The MMS-1X-RS-THRUST is an adaptation of the MMS-1X-RS for the purpose of measuring Hall Effect Thrusters and features:

- an extended scanning volume of 600 x 600 x 600mm\(^3\) (X x Y x Z)
- a larger rotary stage specifically adapted to hold thrusters of up to 60 kg and more
- a holder for a Calibration Cube to allow on-site calibration of the Hall probes sensitivity matrix
- a modified touch sensor and holders for measuring probes
- a low-noise Hall probe for the magnetic field range down to 10mT
Figure 2: Measurement of a Hall Effect Thruster view with a Hall probe in vertical position. Distance to magnet surface is 0.35mm

Figure 3: Full system with mapper, electronics and personal computer