

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 $600 \times 600 \times 600\text{mm}^3$ (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

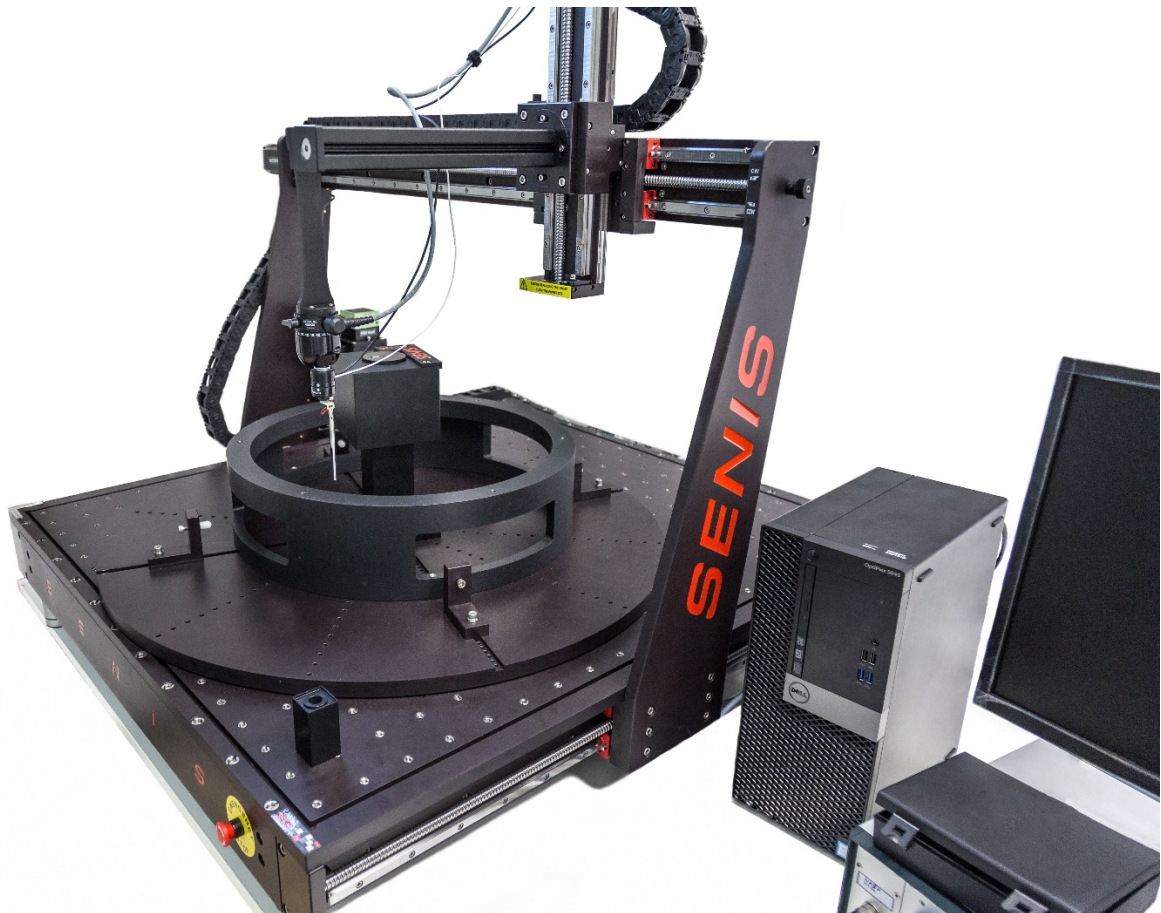
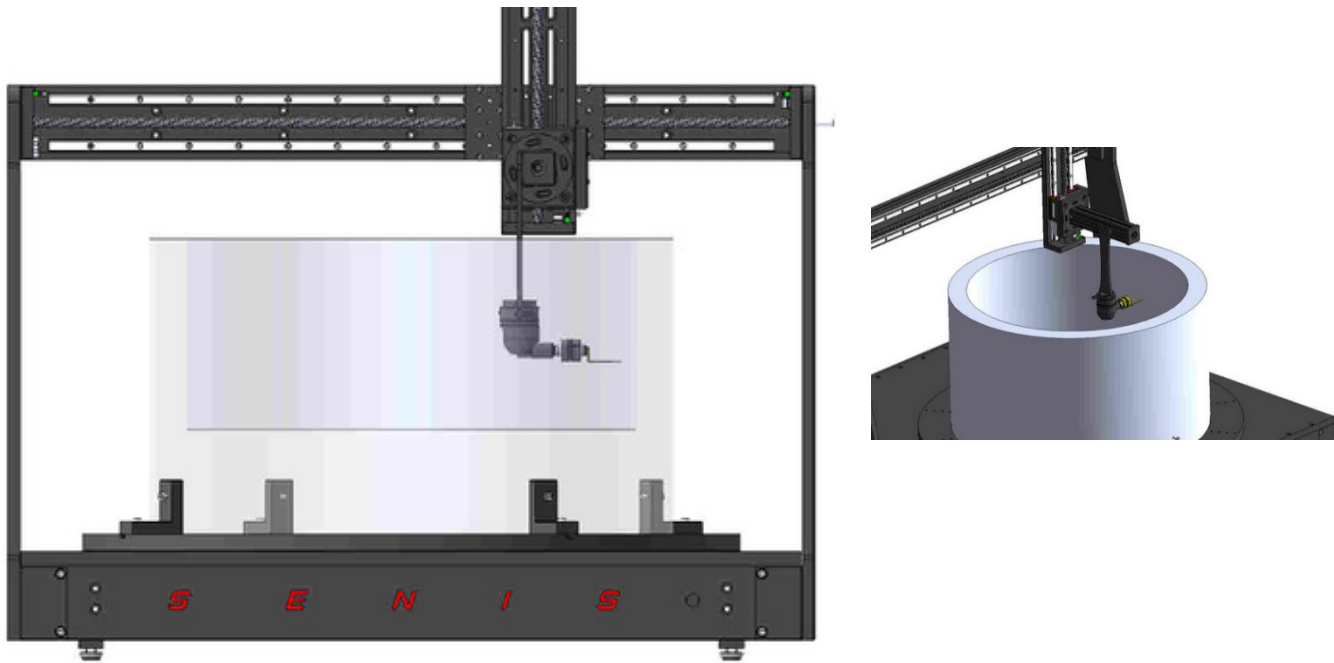


Figure 1: Scanning system MMS-1A-RS-THRUSTER



*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

SENIS AG

Neuhofstrasse 5a, 6340 Baar, Switzerland
Web : www.senis.ch ; Email: transducers@senis.ch
Phone: +41 (44) 508 7029; Fax: +41 (43) 205 2638

North American Distributor: **GMW Associates**
955 Industrial Road, San Carlos, CA 94070, USA
Web: www.gmw.com ; Email: sales@gmw.com
Phone: +1 (650) 802 8292; Fax: +1 (650) 802 8298

Rev.1.2
April 2018
Page 2/2