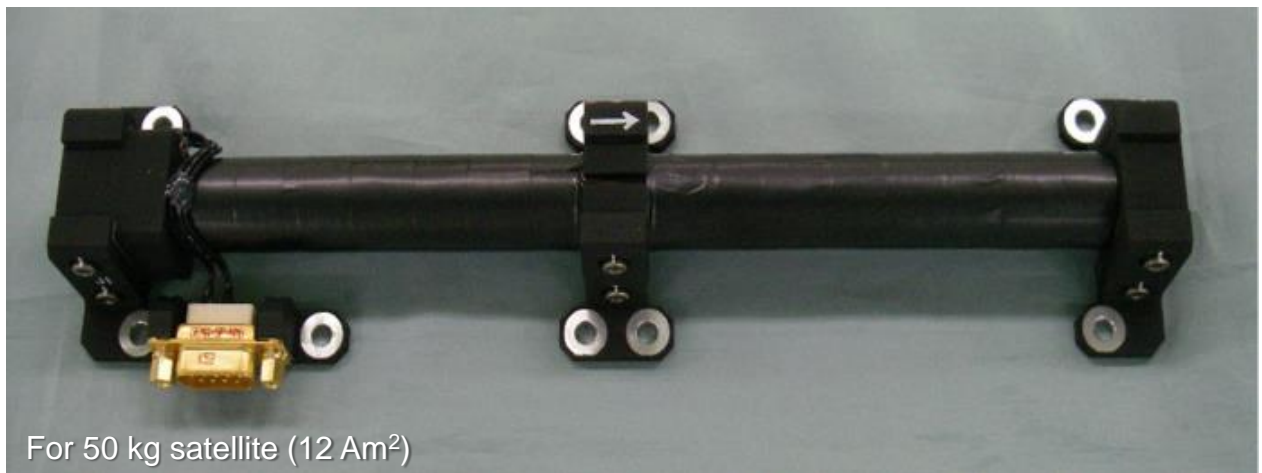


# Magnetic Torquer for Small Satellite



## Outline

Meisei Electric provides every size of magnetic torquers: for pico, nano, micro, small satellites and CubeSats. Meisei's magnetic torquers are designed in our original technique and have a good balance of power consumption and mass. This model is for 50 to 100 Kg satellite.

## Features

- **Flight proven**
- Lower cost using COTS parts
- 1 set of 3 torquers
- Optimal balance of power consumption and mass is realized
- Fully customizable: magnetic moment, dimensions, mechanical and electrical interface
- ITAR free
- RoHS nonconformity
- Made in Japan

# SPECIFICATIONS

Items	Performance
Output magnetic moment	12 Am <sup>2</sup>
Power supply voltage	15 V
Power consumption	1W (Nominal, 217Ω) / 12 Am <sup>2</sup>
Dimensions	250 x 56 x 29 mm (flange and screw not included)
Mass	< 500 g
Operating temperature range	-30 to +60°C
Lead time	About 6 months after receiving orders.
Flight heritage	SDS-1 SDS-4 SOCRATES

- \* The specifications will be tailored to suit your needs. If you use more than for 100 Kg satellite, we would kindly ask you to pay for the option fee. Because of torque value change.
- \* This product was developed with the support of JAXA (Japan Aerospace Exploration Agency)
- \* Note that, with due to the rights of other relevant parties and/or depending on usage, application and/or delivery place, the product may not be sold, commercially distributed, leased or included in a part of product or system which intends to receive benefits through the inclusion of the product.

## Caution

- For safe and correct usage, please read the "Operation Manual" prior to the use of the products.
- Specifications and designs are subject to change without notice.
- Specifications and designs are based on the standard model. Please contact us regarding further customization to suit your project's needs.
- This products may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. Customer agrees to comply with such regulations and acknowledges that it is their responsibility to obtain any required licenses to export, re-export, or import this products.
- We shall not be liable for any damages arising out of or in connection with the use of specifications herein, including liability for lost profit, business interruption, or any other damages whatsoever.
- The color of the product photography on catalog might be different from that of actual product because of printing.

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