

Of Course We Need a Completely Different Ball Mill.  
That's a Fundamental Research-Oriented Ball Mill.

## SUPER MISUNI NEV-MA-8

supports research in Materials Science



### Features

Variety of Selections for Milling Energy

Variable in 3 steps

Variety of Selections for Atmosphere

Sealed-vacuum keep pumping or **Flowing any gases** (option)  
during ball milling

Variety of Selections for Ambient temperature

**Temperature can be set in the range -190 up to 300 °C** (option)

Automatic Running with a Timer

Easy operations and small Running Noise

In situ Observation of Balls during Milling

High Durability

Manufactured by:

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### Specifications

Vibration method:

Vibration width: approx. 20mm

RPM : 0, 500~1600rpm ( Variable in 3 steps)

Standard vessel : 55mmIDx36H (85cc) made of SUS304

Standard ball : 11 mm dia. ( 50 pcs. ) made of SUS304

Dimensions : 600WX500Lx650mmH

Required Power Supply: 200V. 3 phase, 1KVA

Required Water Supply: 3 Liters/min. (0. 2MPa)



NEV-MA-8 Mill is now running in the following Institutes:

Tohoku Univ. / Prof. Fukamichi, (Prof. Masumoto), (Prof. Suzuki)

Waseda Univ. / (Prof. Nagumo)

Nagoya Univ. / Prof. Mizutani

Kyoto Univ. / Prof. Shingu

Osaka Univ. / (Prof. Kobayashi)

California Inst. of Tech. / Prof. Johnson

European Inst. of Transuranium Elements / Dr. Spirlet

Inst. of Metal Research Academia, Sinica / Dr. Quan MingXiu

Inst. fur Festkorper und Werkstofforschung, Dresden / Dr. Gutfleisch

Other Products: .....

- |                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| • Shingle-Roll Spinning Wheel Apparatus | • One-Directional Solidification Furnace                |
| • Single Crystal Growth Apparatus       | • Rapidly Quenched Metallic Powder Production Apparatus |
| • Arc-Melting Apparatus                 | • Water Atomization Apparatus                           |
| • Vacuum Hot Press Machine              | • High Temperature Vacuum Sintering Apparatus           |
| • SiC Crystal Growth Equipment          | • In-Rotating Liquid Spinning Apparatus                 |
| • SiC-CVD System                        | • Induction Heating Generator                           |
| • Electron Beam Source & Power Supply   |                                                         |