The Technical Support Center offers Tohoku University’s wide variety of equipment, instruments and devices for shared use to researchers and engineers in and outside Tohoku University.

### Purpose
The Technical Support Center was established in January 2008 as a university-wide organization aimed at providing Tohoku University’s research equipment to university members and non-university parties for use, in order to promote the sophistication of research and education at Tohoku University and the advancement of its social contribution.

### Main Missions
- University-wide grasp of equipment for common use, and creation of a database for such equipment
- Formulation of measures for effective and efficient operation of research equipment
- University-wide management of research equipment
- Provision of advice concerning equipment users’ needs and technologies, and coordination
- Administrative work concerning the procedure for equipment use

### Members
- Center Director (Executive Vice President for Research)
- Vice-director
- Two specially appointed faculty members
- Two office assistants

### Categories of Registered Equipment, Instruments and Devices
- Nuclear Magnetic Resonance
- X-ray Analysis
- Mass Spectrometry
- Elemental Analysis
- Physical Property Evaluation
- Electron Microscopes, EPMA, FIB
- Microscopes
- (Micro) Fabrication / Engineering / Processing
- Equipment for Biotechnology and Life Science Research
- Wind Tunnels, Shock Waves, Sound, Images
- Cyclotron, PET
- Radioactivity Measurement
- Environmental Testing
- Computers
- Equipment in Clean Rooms

#### Steps for Use

<table>
<thead>
<tr>
<th>Use by University Member</th>
<th>Use by Non-University Person</th>
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<tbody>
<tr>
<td><strong>1. Preliminary Consultation</strong></td>
<td>First, please contact the Center. After checking your application details, the responsible person at the Center will pass you on to the person in charge of managing the equipment concerned to discuss the details of your use with you.</td>
</tr>
<tr>
<td><strong>2. Application for Use</strong></td>
<td>Fill in a “Registration on the Technical Support Center Equipment Use System / Application Form for the Use of Equipment” and send it to the Center by E-mail.</td>
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<tr>
<td><strong>3. Reservation for Use</strong></td>
<td>Make a reservation for use by using the reservation calendar on the system or by contacting the person in charge of managing the equipment concerned.</td>
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<tr>
<td><strong>4. Use of Equipment / Instrument / Device</strong></td>
<td>Make a reservation for use by using the reservation calendar on the system or by contacting the person in charge of managing the equipment concerned.</td>
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<tr>
<td><strong>5. Payment of Usage Fee</strong></td>
<td>In accordance with the actual use, a bill will be issued and sent to the billing address. Please make the payment by the designated due date.</td>
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</table>

* Applicable to the equipment, etc. listed in the "Technical Support Center Equipment Use System (https://ses.tsc.tohoku.ac.jp)?
* Each item of equipment, etc. is operated and managed by the department in charge of managing it.
* For operational and management reasons, the use of some equipment may require different steps from those shown below.

### Within Tohoku University
- Each, faculty, research institute, center, etc.
- Division of Engineering and Technical Staff, Organization for Academic Activity Support
- Center for Key Interdisciplinary Research
- Center for Low Temperature Science
- Electron Microscopy Center
- University Research Administration Center
- Tohoku Forum for Creativity
- Organization for the Promotion and Support of Research Activities
- Organization for Academic Activity Support

### Non-university Parties
- Other universities and colleges
- Research institutes
- Commercial companies

Access URL: [https://tsc.tohoku.ac.jp](https://tsc.tohoku.ac.jp)