

**Equipment name:**

Mechanical Testing Equipment for Tensile, Compression and Bending measurements  
SHIMADZU AGS-X series

**Location**

ICDI-SNA,

Advanced materials and applied technologies laboratory

**Year 2021**

**Description**

The SHIMADZU AGS-X series is equipped with a 5000N sensor and can be used to determine different parameters such as:

- Maximum stress;
- Breaking force;
- Breaking point;
- Elastic characteristics;
- Young modulus;
- Various tensile, compression and bending measurements

**Operating hours: 8-16**

Information about the measurement, cost/services can be obtained from Prof. Dr. Lucian Baia,  
lucian.baia@ubbcluj.ro