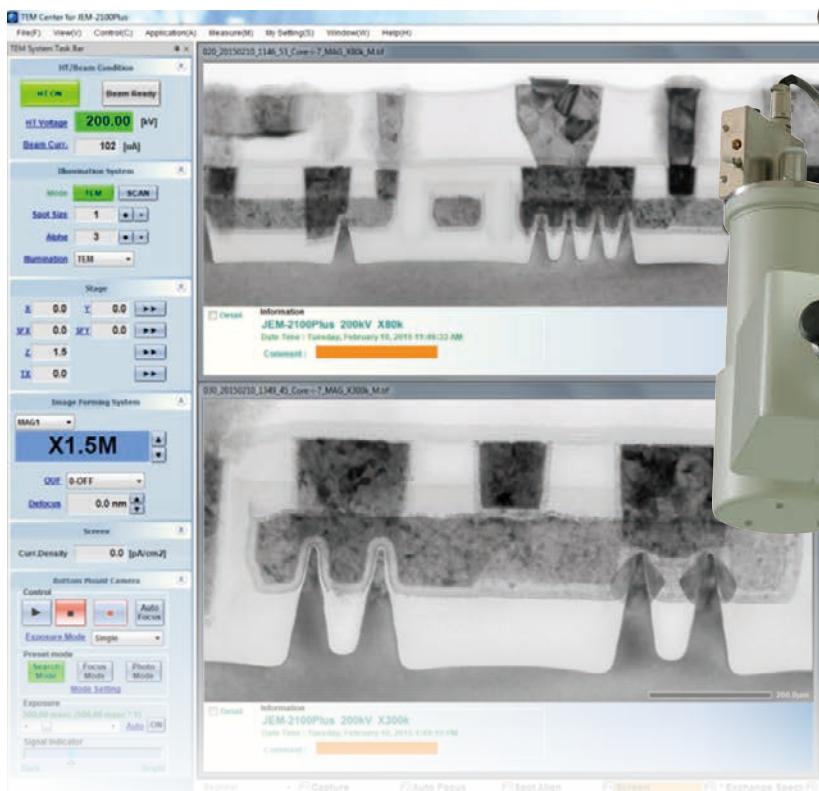


# JEM-2100Plus

New

has been released  
with further upgraded  
ease of use.

Advanced, intuitive control software "TEM Center"





## Overview

The JEM-2100Plus is a multi-purpose transmission electron microscope, which combines the proven JEM-2100 optical system with an advanced control system for enhanced ease of operation. The JEM-2100Plus provides solutions to a wide range of applications from materials science to medical/biological studies.

## Main Features

- 64 bit Windows® compatible control software, TEM Center, is an intuitive user interface designed to maximize ease of operation.
- The TEM Center allows the user to control optional accessories such as a high resolution camera and a scanning image (BF/DF) observation device through intuitive user-system interaction.
- The JEM-2100Plus comes with automated functions, including auto focus, auto contrast/brightness, auto exposure, auto montage, drift compensation, and stage navigation.
- Viewer software supports off-line image viewing and editing.

## Installation Room Requirements

Room temperature:  $20 \pm 5^\circ\text{C}$

(fluctuations:  $1^\circ\text{C} / \text{h}$  or less)

Humidity: 60 % or less

Power: 200 V AC, 10 kVA

(fluctuations:  $\pm 10\%$  or less)

One grounding terminal:  $100 \Omega$  or less

Cooling water:

Flow rate: 7.5 L / min

Pressure: 0.2 to 0.3 MPa

Temperature: 15 to 20 °C

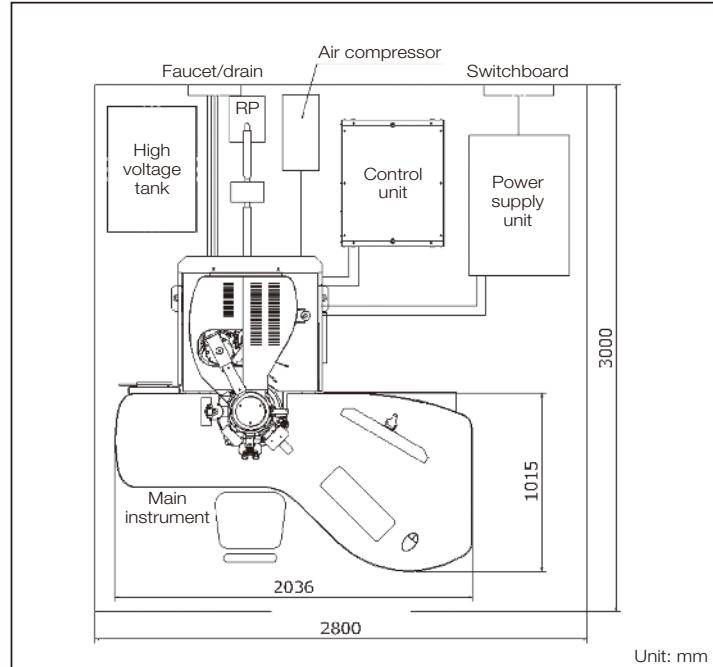
Temperature fluctuations:  $0.1^\circ\text{C} / \text{h}$  or less

Dry nitrogen gas

Pressure: 0.01 to 0.02 MPaGauge

Hose joint: ISO 7/1 Rc 1/4

## Installation Room Example



\*Specifications subject to change without notice.

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