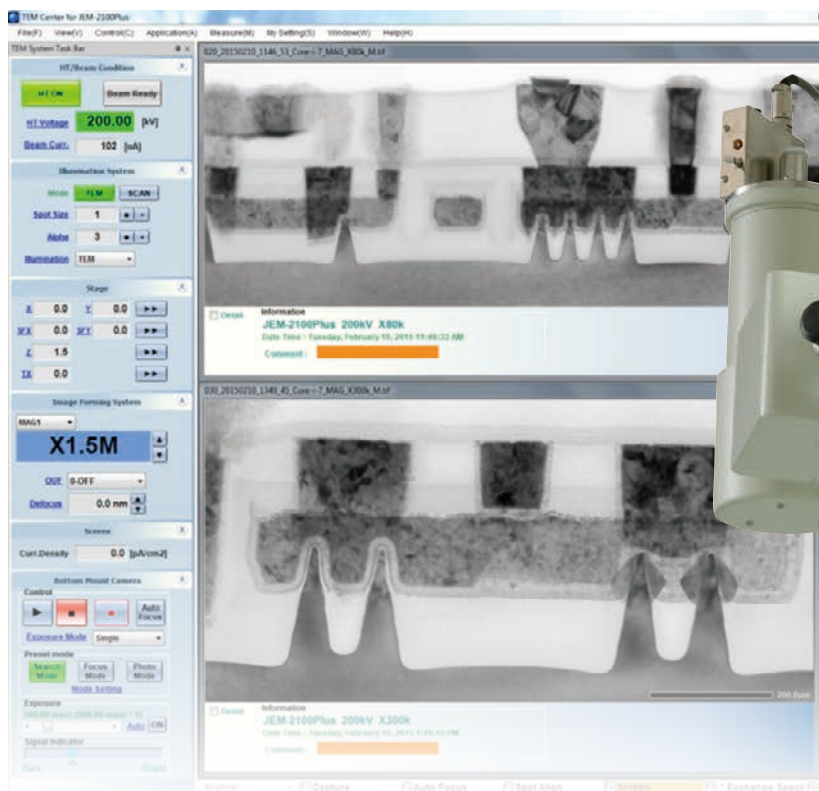


JEM-2100Plus ^{New}

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.

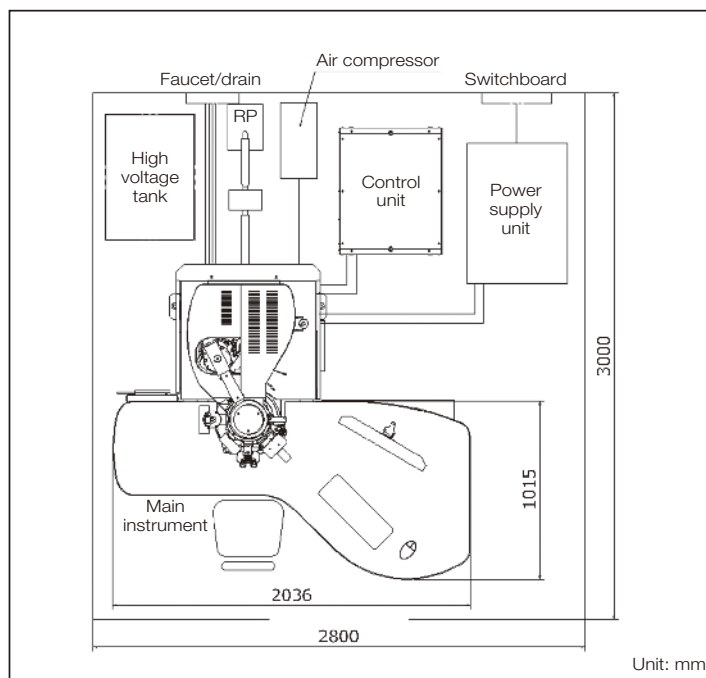
Main Features

- 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: $20 \pm 5 \text{ }^\circ\text{C}$
(fluctuations: $1 \text{ }^\circ\text{C} / \text{h}$ 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 $20 \text{ }^\circ\text{C}$
 - Temperature fluctuations: $0.1 \text{ }^\circ\text{C} / \text{h}$ or less
- Dry nitrogen gas
 - Pressure: 0.01 to 0.02 MPa Gauge
 - Hose joint: ISO 7/1 Rc 1/4

Installation Room Example



*Specifications subject to change without notice.

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