Dia Pro®

Across Auto System

octo-m Dimension

Installation Requirements

Equipment installation site requirements are as follows:

- Environmental Conditions
- Space Requirements：The instrument will take a 170cm (L) × 79cm (W) × 116cm (H) space.
- Do not place the device on a flat surface that made of flammable material.
- Do not place the instrument in place where is not easy to repair.
- Do not place in the place that the instrument is not easy to disconnect the main power supply.
- Do not place the instrument or flexible cables come into contact with hot surfaces that can not touch.
- Check whether the plug is grounding.
- Check whether the power supply voltage is consistent with identifies supply voltage of the instrument.
- Do not place anything on top of the instrument.

Environmental Conditions

The Across Auto System octo-m only suitable for indoor operation and indoor storage. The following table lists the environmental parameters requirement that suitable SYSTEM operating and storage.

Parameter	Operating Environment	Storage Environment
Temperature	15～32℃	-20～55℃
Relative Humidity	30～80%Non-condensing	≤93%Non-condensing
Pollution Index	2	-
Voltage Category	Ⅱ	-

Table The Operating Environment and Storage Environment for the Across Auto System octo-m The venue place the Across Auto System octo-m must have sufficient stability, by order of the weight must be greater than twice the weight of the instrument, and satisfy the space required for installation.

Across Auto System octo-m size and weight

Model	Dimensions Length × width × height（mm）	Weight (kg)
octo-m	1700×950×1170	225

Depending on the configuration of the instrument，working audience should be set aside area to place auxiliary equipment.

Placement of the instrument must ensure that the operator can easily operate and maintain the instrument, and ensure good ventilation.

Besides， Across Auto System octo-m installation location must also meet:

The plant operator can hear the alarm device, can see the indicator signal. When the device occurs an exception in need of emergency stop, the operator can easily press the red emergency stop button in the left corner of the front of the device, so that disconnect the power supply of all modules of the equipment in a timely manner.

3.2.2 Power

Across Auto System octo-m suitable for 220V AC power，the power supply requirements are as follows：

Power outlet should not be located at the back of the instrument, ， Shall be placed in a position that convenient operation， current supply of the equipment should be implemented voltage control, and make overload protection.

Across Auto System octo-m power as show in the following table：

Model	Power	Fuse Specifications
Octo-M	450VA	F3.15AL250V

Table: the Power of the Across Auto System octo-m

Note：The operator is not allowed to contact or replace with the fuse, If you need to replace the fuse, to be operating by professionals.

Warning：There is high-voltage in the interface main power box of the instrument. When the repair or maintenance of equipment, please cut off the power first.

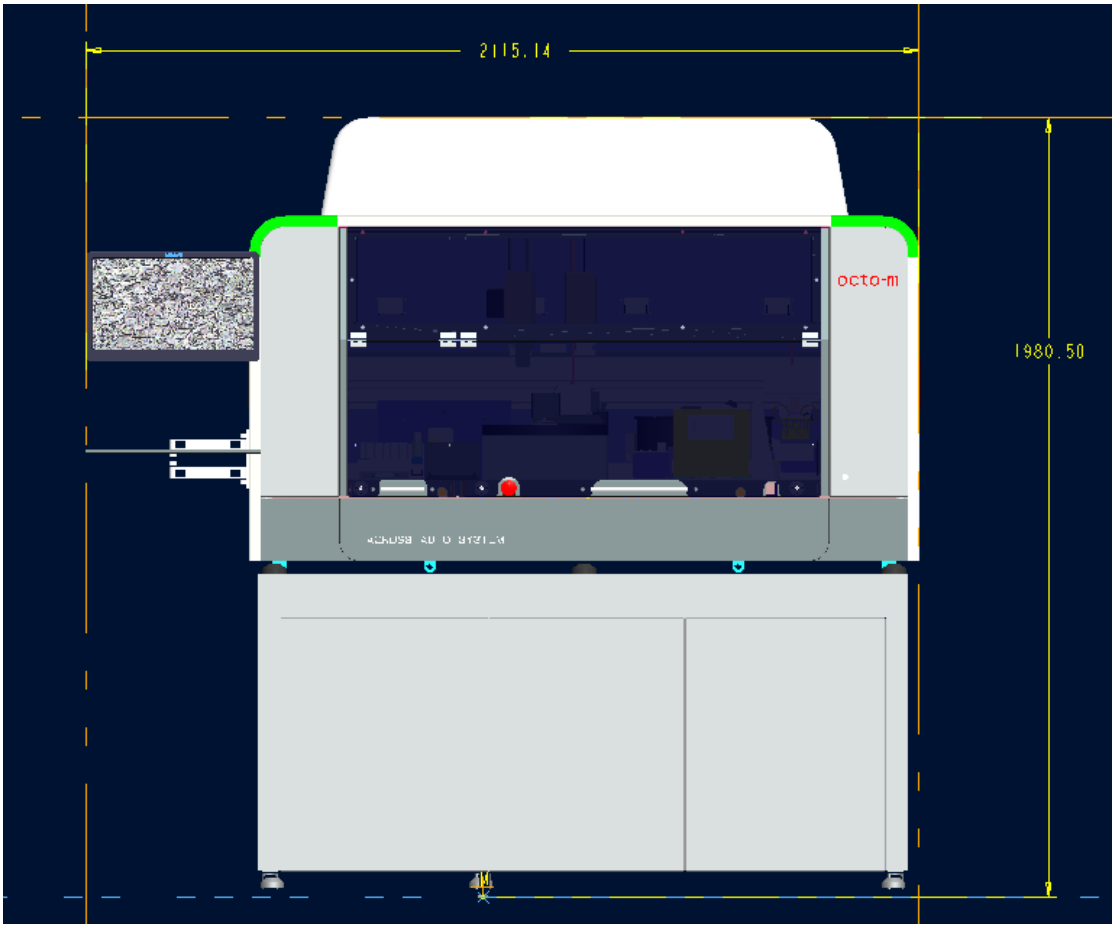
Dia Pro recommends that you use UPS (3KVA) power. When experimental power outage occurs, the machine can continue to run，to ensure experimental data and experimental processes information is not lost, the equipment potential damage caused by power outage when running can also be prevented.

UPS power specifications:

Technical Details	Recommended values
Maximum power consumption	3000W
Average power consumption	500-650W
Average power consumption of the computer	～300W
UPS output	750-2500W
UPS average output	100-240VAC
Capacity	1-2KVA
Backup time	8-15min
Input Voltage	110VAC and 220VAC
Cycle	Single-cycle

Table: UPS power supply specifications grounding requirements

In order to ensure safe operation of laboratory personnel，Dia Pro，Ltd requires the equipment grounding. Across Auto System octo-m is grounded through the power line ground. To avoid electrical shock, the power supply must be connected to earth ground.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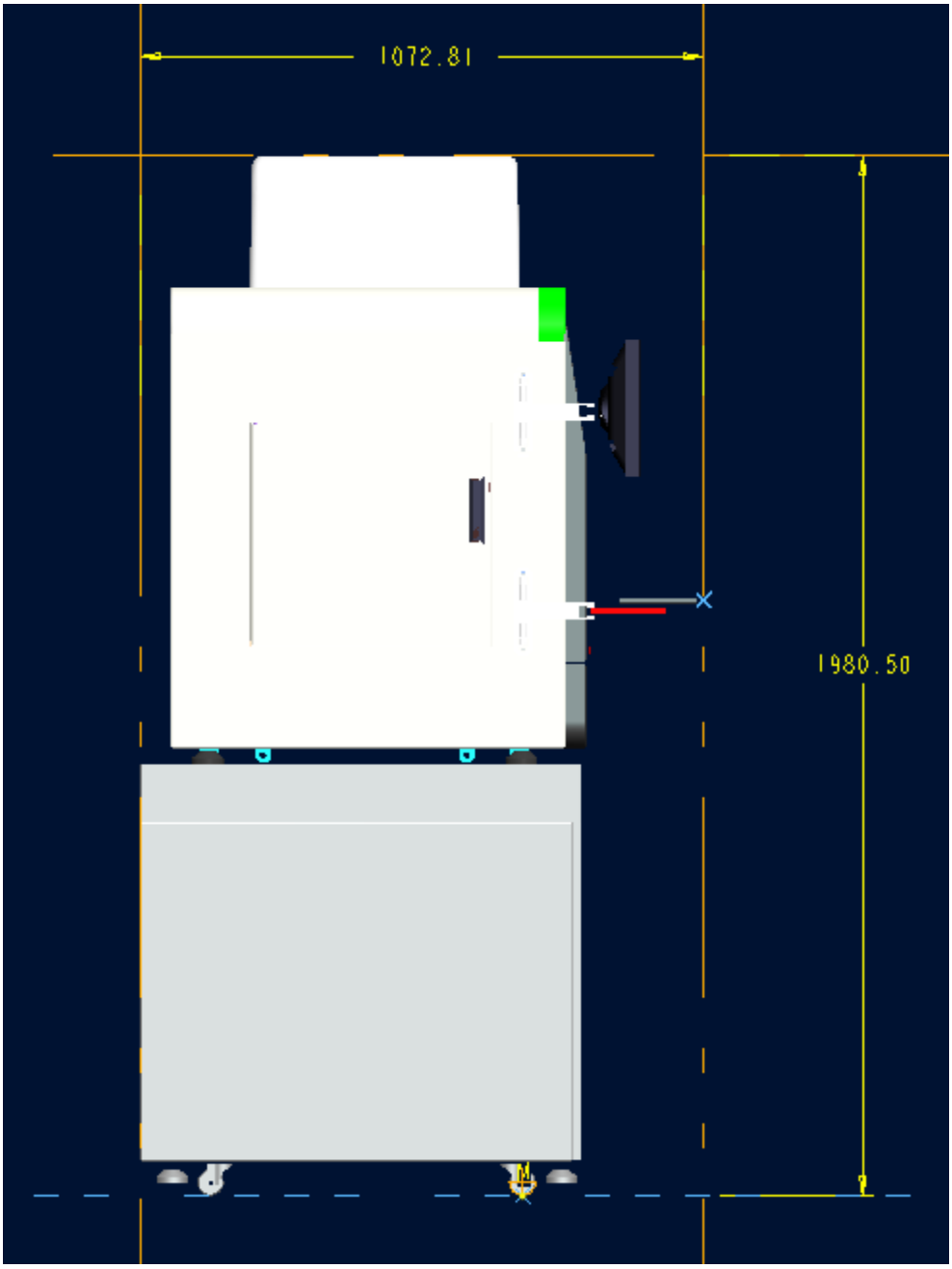
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