



D970L Equipment & Hardware/Software

Pre-installation Checklist

The following checklist will assist you in site preparation for your REM Technologies Equipment. Careful attention to the requirements presented in this document will help simplify installation and ensure that the Equipment operates as it was designed.



D970L | Pre-installation Checklist

All appropriate items in this checklist must be completed, signed and returned to REM Technologies. Return your checklist as soon as your laboratory is ready and functional for prompt installation of your D970L.

X _____

Signature & Title

Environmental Requirements

- Ambient temperature of 5°C to 40°C.
- Relative humidity ≤ 80% - Use a dehumidifier if necessary.
- I have a way to exhaust hemp smell from the room.

Space Requirements

- 13' W x 10' H x 4' D working environment.
- Allow additional space around in front of the Equipment for a comfortable working environment, preparing samples, warming oil, loading oil, and unloading oil. Take into account any additional obstacles in the area such as gas taps, water taps, drains, sloping ceilings in enclosures, etc.
- I have 40" wide x 92" height for clearance through a doorway.

Location

- Place the D970L on a clean, level, vibration free surface.

Power Requirements

- The D970L requires it's own 240 V, 30A, NEMA L14-30R.
- We recommend two additional 110V standard outlets for accessories.

| Other Requirements

Oil Warming Station

- I have an oil warming station set up already to handle 40L to 70L of winterized crude or distillate at a time.
- I have ordered components for an oil warming station that will handle 40-70L of winterized crude or distillate at a time. This will be installed prior to Equipment delivery.
- I acknowledge If I am using our recommended warming station components this requires a dedicated 120v outlet for each warmer.

Water

- I have a distilled water creation system onsite if planning on salvaging waste stream.

HPLC

- I have an HPLC onsite.
- I have validated HPLC calibration with REM Technologies Staff.
- I have received, tested, and shared “dummy oil” results with REM Technologies Staff.

Staffing

- I have dedicated staff on a day shift and night shift that has HPLC experience.

Safety

- I follow standard laboratory safety guidelines.
- I have personal protective equipment for my staff
 - Eyewear
 - Nitrile Gloves
 - Heat Resistant Gloves
 - Drum Dolly

Other Requirements

- I have a sink to be able to dispose of water in between batches.
- I have 15 gallons of Propylene Glycol in stock.
- I have a drum of cleaning solvent such as IPA.
- I have the proper 5 gallon buckets or comparable item to unload finished oil in.

| Other Requirements

Other Requirements

- I have the appropriate lab scales to weigh incoming and outgoing oil.

Delivery & Shipping

- I have a loading dock for my delivery.

OR

- I need lift gate service for my delivery.
- I will have a forklift onsite the day of delivery.
- I understand the crate is typically sized 47" W x 89" L x 97" H.

Training Batch Run Acknowledgment

- I will only run winterized crude oil that is free of solvents unless otherwise discussed with REM staff prior to arrival.
- I will follow the recommendations of REM staff to ensure a smooth training batch run.
- I will preschedule all needed staff to be onsite during the training batch. I understand it might be outside the normal staff hours and will prepare staff properly.
- I understand a training batch can take slightly longer than a normal batch due to initial machine calibration, adjustments to equipment from shipping, and training time.

Documentation Acknowledgment

- I have reviewed the operating manual documentation provided by REM.

X _____

Signature & Title