

Drug Testing Program Management, Inc.
Olympus AU640/640e Pre-Site Installation Checklist

Facility Name: _____

Address: _____

City, State, Zip Code: _____

Contact Name: _____ Contact Phone: _____

Site Representative: _____ Site Review Date: _____

DTPM Engineering: _____ Approval Date: _____

Purpose:

This checklist shall be utilized to ensure the installation site meets all required specifications. The site representative will be required to complete the pre-site checklist review by checking or placing initials where indicated for each review section. After all sections have been reviewed, the site representative shall sign the pre-site checklist approval form, then fax to DTPM for final review and approval prior to scheduling installation, validation and training activities.

It is recommended that the checklist be completed and submitted to DTPM at least two (2) weeks prior to the proposed installation date to avoid scheduling delays.

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Delivery Accommodations

Receiving

Is there a loading dock available to allow the analyzer to be safely unloaded? ☐ Yes

☐ No

If no, note unloading and point of entry conditions below.

(Examples: Front, back, or side door entrance, width of opening and height of doorway or entry transition. If unloading on parking lot, note surface condition and any transition points leading up to facility entrance)

Routing

Can the analyzer be safely moved from unloading point to proposed point of operation? ☐ Yes

☐ No

Load capacity of elevator, if required, is 1,500 pounds.

☐ Yes

Note: Combined Analyzer and DPR weight is approximately 1,325 LBS.

☐ No

Note below in inches, minimum door width, and approximate minimum turning radius in areas where sharp turns are required. If an elevator is required, note, in inches, door width, interior width and depth dimensions.

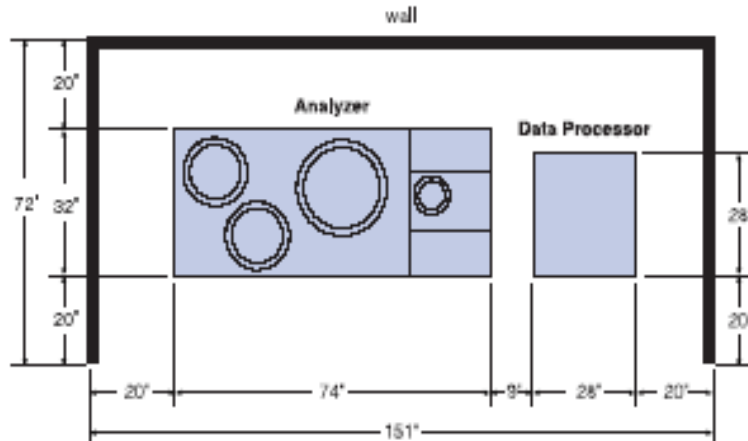
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Physical Space Requirements

The system diagram below provides all operational space requirements for the analyzer, computer work station, and minimum space requirements around the perimeter of the system for service access and proper ventilation.

☐ Physical Space Requirements reviewed



Environmental Requirements

Room Temperature/Humidity/Air Handling Requirements

1. Average Heat Output is 5,000 BTU
2. Ambient Temperature 18-32 +/-2 degrees C during measurement
3. Ambient Humidity 40-80% Relative Humidity
4. Instrument should not be placed in direct sunlight
5. The analyzer is not exposed to direct airflow from air conditioners.

☐ Room Environment Requirements Reviewed

Note: When specified room temperature and humidity ranges fluctuate, the system data may not be reliable.

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Water System Requirements

1. Analyzer water Consumption is 33 Liters per hour
2. Water Type should be Deionized, Type II, bacteria free
3. Deionized water temperature should be between 5 degrees C and 28 degrees C.
4. Water supply must be continuous flow
5. Resistivity >0.5 Megaohm
6. .2 Micron filter shall be installed between the output of deionized water system and the analyzer.
7. Pressure provided at 4-57 PSI
8. Control shut off valve within 30 feet of analyzer
9. One half (1/2) inch barbed fitting connected on the output of deionized water system to the analyzer (should be installed be water company)

☐ Water System Requirements Reviewed

Electromagnetic Wave and Noise Precautions

1. Do not locate analyzer near equipment that generates extreme levels of noise
2. Do not use mobile or cordless phones and transceivers in the room where the system is installed.
3. Do not use medical equipment that may be susceptible to malfunctions caused by EMF near the analyzer DPR or monitor.

☐ Electrical Noise Precautions Reviewed

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Drain Requirements

Non-Hazardous Waste

1. Floor drain height cannot exceed 4 inches
2. Maximum drain height with optional Olympus waste pump is 4 feet
3. Drain flow of approximately 70 Liters/Hour (Forced Drain)

☐ Drain Requirements Reviewed

Note below the following measurements:

Measurements:

1. Distance of drain opening from analyzer position in feet/inches.
2. Size of drain opening (Inner Diameter) in inches.
3. Height of drain from floor level in inches/feet.

Electrical Requirements

- | | |
|---------------------------------------|---|
| 1. Electrical Consumption | 4 KVA |
| 2. Current (circuit breaker required) | 20 AMP (standard)
30 AMP with UPS |
| 3. Electrical plug type | NEMA L620 (20 AMP Standard)
NEMA L630 (30 AMP) |
| 4. Voltage Requirement | 208/220 VAC (+/-10%) single phase |
| 5. Frequency | 60 (+/-1 Hz.) |
| 6. Resistance | < 100 Ohms |

☐ Electrical Requirements Reviewed

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Pre-Site Checklist Review and Approval Form

By signing below, the site representative verifies that the facility meets, or will meet all pre-site criteria for the Olympus AU640/640e prior to installation. Any deviation from these site specifications must be cleared by DTPM Engineering Support prior to the scheduled installation date.

Disclaimer:

Completion and signoff of the pre-site installation checklist by the site representative is confirmation of site readiness. Any additional shipping, unloading, routing, travel or labor related expenses incurred by DTPM due to site readiness deficiencies may result in additional cost to the site.

Contact DTPM 256-845-1261 if you have any questions, or require further clarification regarding any of the analyzer site requirements outlined in this pre- site installation checklist.

Site representative shall fax the pre-site installation checklist and approval signature page to Drug Testing Program Management (DTPM), for final review and approval.

Site Representative (Print)_____ Title _____

Signature _____ Date _____

DTPM (Print)_____ Title _____

Signature _____ Date _____

Drug Testing Program Management, Inc.
(DTPM) Support Department
Phone Contact: 256-845-1261
FAX: 256-845-8813