**Thermo Scientific Barnstead LabTower EDI, TII or RO Pre- Start-Up Checklist**

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| **Instructions for Use:**   * Please complete all sections of this Site Inspection form in preparation for the start-up of your new water purification system. This is a fillable form. * Failure to have the site ready will result in delays and additional charges. * See FAQ for water system start-up at [www.thermofisher.com/installation](http://www.thermofisher.com/installation) * Rename document with your company name at the end. Save completed form for your own records. * Email the completed form to: [servicesupport.led.asheville@thermofisher.com](mailto:servicesupport.led.asheville@thermofisher.com) |

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| Site Name | sd | | | | |
| Address |  | | | | |
| Address/Bldg. Room Number |  | | | | |
| City |  | State |  | Zip |  |
| Lab Hours (from-to) |  | Weekday |  | | |
| Lab Contact Name |  | Lab Contact Phone | | Extension | |
| Lab Contact Email |  | | | | |
| Alternate Contact |  | Alt. Contact Phone | | |  | | --- | | Extension | |  | | | ( ) -  Extension | | |
| Alt. Contact Email |  | | | | |
| Purchase Order |  | Case number  (from email notification) | |  | |
| Special Instructions to get into facility |  | | | | |

Section 1 - System Identification

Section 2 - Accessories and Unpacking

Section 3 - Location Requirements

Section 4 - Electrical Requirements

Section 5 - Water and Drain Specifications

Section 6 - Other Specifications and Additional Notes

Section 7 - Authorized Certification & Customer Agreement

Section 8 - Thermo Scientific Review

Section 9 - Addendum Accessories and Un

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| **Section 1: System Identification**   * Check the Model and enter the Serial Number for the system. * If multiple units of system require start-up, please list all serial numbers below. | |
| 50132395 – LabTower EDI 15  50132396 – LabTower EDI 30  50132141 – LabTower TII 40  50132196 – LabTower TII 40UV  50132391 – LabTower RO 40 | |
| System Serial Number: |  |
| Is this unit replacing an existing water purification system?   * If Yes, what is the Model number of the unit being replaced? Serial number? * If No, skip to section 2. |  |
| *Note: Existing system must be removed and disposed of by customer.* | |

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| **Section 2: Accessories – Pretreatment Required**   * Indicate which Pretreatment was ordered/received. |
| 09.4003 - 1 Micron Pretreatment Required  Water Softener – purchased locally (Required for use with LabTower EDI) \*  06.5201 5 um filter with Carbon (One carbon pretreatment is required for all LabTower systems) \*  **OR**  50134022 - Carbon Pretreatment with 10” Filter housing (One carbon pretreatment is required for all LabTower systems) \*  Other Pretreatment \_\_\_\_      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \*If not ordered/received, please consult your sales representative or service engineer for guidance |
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| **Section 2: Accessories –**   * Indicate if tank accessories were ordered/received. |
| 50132714 Sterile Overflow - Required for all LabTower systems  06.5002 CO2 Vent Filter (for use with LabTower EDI only)  50135142 Tank vent filter (Required for use with LabTower TII and LabTower RO)  50138221 Hand Dispenser Optional Accessory  50155463 2 -Outlet Manifold - Optional Accessory  50155458 3 - Outlet Manifold Optional Accessory |
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| **Section 2: Unpacking**   * Unpack system. Note, systems will arrive in multiple boxes: LabTower EDI and LabTower RO – 2 boxes – Top of system, storage tank. LabTower TII has 3rd box with DI canister. * Locate bags accessory parts bags and review contents listed in “Extent of Assembly Kit” section found in water system operation manual. * If any components are missing, please contact [customerservice.led.asheville@thermofisher.com](mailto:customerservice.led.asheville@thermofisher.com) . Include model, serial number of system and missing component. |

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| Complete system arrived, unpacked and “Extent of Assembly Kit” was reviewed | Yes  No, unit is still in box |

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| **Section 3: Location Requirements**  It is the responsibility of the customer’s onsite facilities department to:   * Review space requirements, mounting instructions and precautions/warnings per system operation manual. * Set pretreatment and water system in its final location. * LabTower is designed as an upright floor unit on wheels but must be secured to the wall. * Wall mounting hardware for pretreatment and LabTower support bracket MUST be attached to the wall prior to the date of start-up. The system or wall bracket comes with the required mounting hardware. * Drawings available at [www.thermofisher.com/newlab](http://www.thermofisher.com/newlab)   It is the responsibility of Unity Lab Service to do the following:   * Set up equipment with tubing and accessories. * Install cartridges and filters. * Startup system and check for leaks and proper operation. * Training on operation and maintenance of system. * *Start-up service does not include drilling into walls or countertops.*   **Please complete the section below to verify where the system and accessories will be mounted.**  **Indicate below if the system and accessories have been mounted in their final location.** | |
| Is Pretreatment mounted in final location?   * *3- 6 ft. from LabTower system* | Yes  No, not ready \* |
| Is LabTower system mounted in final location? | Yes  No, not ready \* |
| \* If marked “Not Ready,” the water system must be in location or wall mounted before the service engineer arrives. | Date System will be ready: (MM/DD/YYYY) |
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| **Section 4: Electrical Requirements**   * System is supplied with a power supply and plug options. * Customer must provide a grounded AC 100 – 250 VAC, 50 – 60 Hz, 2.0 A max electrical outlet within 5 ft. of the installation location. * See Electrical Requirements section in the operation manual. | |
| Have Electrical requirements been met? | Yes  No |
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| **Section 5: Feed Water & Drain Requirements**   * Pretreatment has ¾” NPTF feed water adapter and 6 ft. of feed water tubing. * The LabTower water system comes with ¼” NPTM or ¾” NPTF adapter to connect to pretreatment as well as tubing for feedwater, drain and for storage tank connections. See Section 9 Addendum for picture of supplied adapter for pretreatment and LabTower.   It is the responsibility of the customer’s onsite facilities department to:   * Feed water supply must be tap water. * Customer must supply ¾” NPTM at the water source to connect to the required pretreatment. * Drain must be provided for RO permeate and Storage tank overflow. Storage tank overflow must be at a downward slope away from unit. See Addendum for overflow location. * If water supply does not have correct connector, delays in start-up and additional charges will be incurred. * It is recommended to include a photo of the feed water connection. * Check FAQ at thermofisher.com/installation on how to identify per feed water connection. | |
| Feed water supply fitted with ¾” NPT (pipe thread) male connector? | Yes  No\* |
| *\*If no was selected, please describe water connection in additional notes section below and/or supply photo.* | |
| Feed water has shutoff valve? | Yes  No |
| Feed water supply located within 3 - 6 ft. of pretreatment? | Yes  No |
| Feed water temperature between 2-35°C? | Yes  No |
| Feed water pressure between 2-6 bar (29 – 87psi)? | Yes  No |
| Atmospherically vented drain for RO permeate and storage tank overflow within 5 ft. of system and at a downward slope away from unit? | Yes  No |
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| **Section 6: Other Specifications**  The primary operator of the instrument must be available during the start-up visit and for training during the initial instrument setup. | |
| Will someone be available? | Yes  No |
| **ADDITIONAL NOTES: Please explain any “No” or “Not Ready” responses in Sections 1 – 6 above. Also enter additional notes and comments about the installation site or system set up in the section below. For example, is LabTower being connected to another system?** | |
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| **Section 7: Customer Agreement**   * I have reviewed the attached site inspection form and agree that all specifications required for the start-up of the Water Purification system can be met unless otherwise noted on this form. * Customer acknowledges it is their responsibility to complete the activities listed above. * **If the site is not ready when the technician arrives and the start-up cannot be completed, the customer will be responsible for charges including time and travel associated with a second service call to complete the start-up (minimum time/travel fee of $300).** * Incorrectly filled out forms or misrepresentation may result in additional charges at the discretion of Thermo Fisher Scientific or their authorized partner. * Please consult with your Field Service Engineer or Territory Sales Representative with any questions. | | |
| **Customer name**  **Print Name** |  | |
| **Customer Signature**  **Signature** |  | |
| **Date** |  | |
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| **Section 8: To Be Completed By Authorized Thermo Fisher Service Representative On-Site**   * I have reviewed the attached, completed customer site inspection form and confirm that the specifications for start-up were met. | | |
| Name of Thermo Scientific Service Representative |  | Yes  No\* |
| \*If No, please make a note of missing or incorrect specifications and forward a copy of the completed form to Service Manager and Sales Representative for consultation: | | |
| **Notes and Comments:** | | |

**Section 9 – Addendum**

Diagram

Description automatically generated