**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
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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 |

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|      Extension       |
|  |
| ( ) - Extension |

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|  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.
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| [ ]  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.
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| [ ]  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 . 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.
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| 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.
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|  **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**

