**Thermo Scientific Barnstead Smart2Pure 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 installation 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 form with your company name on 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  |        |
|  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       |
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| ( ) - 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

Section 2: 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 need start-up, please list all serial numbers below.
 |
| **Smart2Pure Systems:** [ ]  50129872 - Smart2Pure 3 UV [ ]  50129688 - Smart2Pure 3 UV/UF [ ]  50129885 – Smart2Pure 6 UV [ ]  50129887 - Smart2Pure 6 UV/UF[ ]  50129890 – Smart2Pure 12 UV [ ]  50129845 – Smart2Pure 12 UV/UF **Smart2Pure Pro Systems:**[ ]  50157873 – Smart2Pure Pro System Package with system wall bracket, 30 L Tank and Pretreatment [ ]  50157872 – Smart2Pure Pro System Package with system wall bracket, 60 L Tank and Pretreatment[ ]  50157882 – Smart2Pure Pro System with 30 L Tank [ ]  50157877 – Smart2Pure Pro System with 60 L Tank  |
| 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.
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| *Note: Existing system must be removed and disposed of by customer* |

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| **Section 2: Accessories** * Indicate which Pretreatment was ordered/received
* Indicate if wall bracket and/or hand dispenser was ordered/received
 |
| **Accessories – Pretreatment Required** [ ]  50157886 - Barnstead Pretreatment System [ ]  09.4000 - Dual Pretreatment [ ]  Pretreatment Not purchased\* \*Please consult your sales representative or service engineer for guidance |
| **Accessories - Optional**[ ]  09.2212 Wall Bracket for Smart2Pure (Smart2pure 3, 6, 12 systems only)[ ]  50138221 Hand Dispenser  |
| **Section 2: Accessories – Storage Tank Required Smart2Pure 12 and Pro Only*** Indicate which storage tank was ordered/received
* Indicate if wall bracket was ordered/received
* Indicate if tank accessories were ordered/received
 |
| **Tanks and Wall Bracket:**[ ]  50155497 - 30 L Smart2Pure 12 tank [ ]  06.5015 – 30 L tank wall bracket [ ]  50155501 – 60 L Smart2Pure 12 tank [ ]  06.5016 – 60 L tank wall bracket [ ]  50155494 – 30 L Smart2Pure Pro Tank[ ] 50155499 - 60 L Smart2Pure Pro Tank[ ]  Tank not purchased/received\* \*Please consult your sales representative or service engineer for guidance **Tank Accessories - Required:** [ ]  06.5001 – Sterile Overflow [ ]  06.5002 – CO2 Vent filter  |
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|  **Section 2: Unpacking** * Unpack system. Note, systems will arrive in multiple boxes.
* Locate accessory parts bags, DI Cartridge, and RO membrane, and review contents as 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 and serial number of system and missing component.
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| System was 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, water system, and tank (Smart2Pure 12 and Pro only) in its final location.
* Ensure the bench or wall can support the weight of the instrument per the Technical Specifications in the operation manual: Pretreatment = 50 lbs., Smart2pure system = 75 lbs., 30 L tank = 90 lbs., 60 L tank = 160 lbs.
* If wall mounting, wall mounting hardware MUST be attached to the wall prior to the date of start-up. The system or wall bracket comes with the required mounting hardware.
* Set pretreatment, water system, and tank in its final location
* 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.** |
| Where Pretreatment system will be mounted?* 50157886 wall or bench mount options -wall bracket included
* 09.4000 wall mount only
 | [ ]  Wall Mount [ ]  Bench Mount  |
| Is Pretreatment noted above mounted in final location?* *3- 6 ft from Smart2Pure system*
 | [ ]  Yes [ ]  No, not ready \* |
| Where Smart2Pure system will be mounted?* Wall bracket ordered separately with exception of Smart2Pure Pro System Package with Tank and pretreatment
 | [ ]  Wall Mount [ ]  Bench Mount [ ]  Undercounter Mount  |
| Is Smart2pure system mounted in final location? | [ ]  Yes [ ]  No, not ready \* |
| **Smart2Pure 12 and Pro systems only:** Is storage tank mounted in final location? * *Maximum distance of 6 ft from Smart2Pure system and have gravity flow access to a drain or sink.*
 | [ ]  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*** 50157886 Pretreatment has feed water adapter options, ¼” NPTM or ¾” NPTF, and 6 ft of tubing.
* 09.4000 pretreatment has ¾” NPTF feed water adapter and 6 ft of feed water tubing.
* See Section 9 Addendum for picture of supplied adapters
* The Smart2pure water system comes with ¾” NPTF adapter to connect to pretreatment as well as tubing for feedwater, drain and for storage tank connections.

It is the responsibility of the customer’s onsite facilities department to:* Provide customer supplied ¼” NPTF or ¾” NPTM at the water source to connect to the water purification system feed water adapter.
* 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 www.thermofisher.com/installation on how to identify proper feed water connection.
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| Feed water supply fitted with ¾” NPT (pipe thread) male connector or ¼” NPT 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? |  [ ]  Yes [ ]  No  |
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| **Section 6: Other Specifications and Additional Notes*** The primary operator of the instrument must be available during start-up visit and for training during the initial instrument setup .
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| 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 start-up site or system set up in the section below.**  |
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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

