**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](mailto: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 | | |  | | --- | | 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

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. |  |
| *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](mailto: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. | |
| 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 . | |
| 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. | | |
| **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

