

Waterbath checklist

Instrument Type							
Brand							
Model							
Serial Number (Optional)							
	1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Recommended Checks	●	●	●	●	●	●	
Performance Test to ensure full functionality of Instrument	● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results		● ●					
Uniformity Confirm temperature distribution uniformity throughout waterbath.			●				
Sterility Ensure you do not have bacterial or fungal growth				● ●			
Cleanliness Routine instrument maintenance to ensure ongoing performance.					● ●		
Electrical Safety* Recommended checks to ensure correct performance and safety.						● ● ●	

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 S C I E N T I F I C

Heat block and dry bath checklist

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	●	○	●	●	●
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Warning light: Heat and Warning light activated while activated Icons: Function correctly, correct mode displayed	● ● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Temperature: Verify calibration, test with suitable certified thermometer Temperature Calibration: Adjust temperature setting to certify able to recalibrate		● ●					
Uniformity Confirm temperature distribution uniformity across block.	Temperature uniformity: Verify temperature uniformity across the block is within manufacturers' specifications using a suitable certified thermometer			●				
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Block: Confirm each well is free from debris i.e. Dust, residue Unit: Visual inspection free from dust and residues Accessories: Clean and operational					● ● ●		
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Power supply: Clean and undamaged Liquid Contamination: Free from liquid exposure Electrical Cable: Undamaged and correct fitment						● ● ● ●	

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 S C I E N T I F I C

Hotplates and stirrer checklist

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	○	○	●	●	
Performance Test to ensure full functionality of Instrument Display: Functioning correctly Buttons: Working correctly Temperature: Able to adjust the temperature both up and down Stirrer: Able to adjust the speed of the rotation both up and down Warning light: Warning light activated while the plate is over 50oC Stirrer: Rotates when the switch is activated Icons: Function correctly, correct mode displayed		●						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Temperature: Verify calibration, test with suitable certified thermometer Temperature Calibration: Adjust temperature setting to certify able to recalibrate		●					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Visual inspection: Check for signs of wear e.g. Stains, rust spots, pitting, scale build up, cracked housing Accessories: Clean and operational					●	●	
Electrical Safety* Recommended checks to ensure correct performance and safety.	Certified: Current certificate of electrical safety Electrical Cable: Undamaged and correct fitment						●	●

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 S C I E N T I F I C

Rockers rotators & vortex mixers

Instrument Type	1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand							
Model							
Serial Number (Optional)							
Recommended Checks	●	○	○	○	●	●	
Performance Test to ensure full functionality of Instrument Display: Functioning correctly Buttons: Working correctly Stirrer: Able to adjust the speed of the rotation both up and down Accessories: Supplied accessories in functional condition? E.g. clamps, mats, tube adapters Icons: Function correctly, correct mode displayed	●						
Cleanliness Routine instrument maintenance to ensure ongoing performance. Visual inspection: Check for signs of wear e.g. Stains, rust spots, pitting, scale build up, cracked housing Accessories: Clean and operational					●	●	
Electrical Safety* Recommended checks to ensure correct performance and safety. Certified: Current certificate of electrical safety Electrical Cable: Undamaged and correct fitment						●	●

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 SCIENTIFIC

pH meter checklist

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	○	○	●	●	
Performance Test to ensure full functionality of Instrument		● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results			● ● ●					
Cleanliness Routine instrument maintenance to ensure ongoing performance.						● ● ● ●		
Electrical Safety* Recommended checks to ensure correct performance and safety.							● ● ●	

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 SCIENTIFIC

Dissolved oxygen meter checklist

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	○	○	●	●	
Performance Test to ensure full functionality of Instrument Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed		● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results Air Air saturated water Zero dissolved oxygen solution			● ● ●					
Cleanliness Routine instrument maintenance to ensure ongoing performance. Meter: Free for residue and dust Electrode: Clean and stored appropriately Keypad: Clean and functions visible Display: Clean and Unobstructed						● ● ● ●		
Electrical Safety* Recommended checks to ensure correct performance and safety. Certified: Current certificate of electrical safety Power supply: Clean and undamaged Electrical Cable: Undamaged and correct fitment							● ● ●	

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 S C I E N T I F I C

Ion titrator | conductivity meter

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	○	○	●	●	
Performance Test to ensure full functionality of Instrument		● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results			● ● ●					
Cleanliness Routine instrument maintenance to ensure ongoing performance.						● ● ●		
Electrical Safety* Recommended checks to ensure correct performance and safety.							● ● ●	

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____



Turbiditor checklist

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	○	○	●	●	
Performance Test to ensure full functionality of Instrument	Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed	● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Accurately measure standards correctly		●					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Cell compartment: Free from moisture and dirt Keypad: Clean and functions visible Housing: Free from moisture and dirt					● ● ● ●		

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 S C I E N T I F I C

Color meter checklist

Instrument Type		1. Performance	2. Accuracy	3. Uniformity	4. Sterility	5. Cleanliness	6. Electrical Safety	PASS FAIL
Brand								
Model								
Serial Number (Optional)								
Recommended Checks		●	●	○	○	●	○	
Performance Test to ensure full functionality of Instrument Display: Functioning correctly Buttons: Working correctly Icons: Function correctly, correct mode displayed		● ● ●						
Accuracy Calibration check to ensure that the instrument is providing accurate results	Calibrated to verify standards correctly		●					
Cleanliness Routine instrument maintenance to ensure ongoing performance.	Meter: Free for residue and dust Cell compartment: Free from moisture and dirt Keypad: Clean and functions visible Housing: Free from moisture and dirt					● ● ● ●		

* All electrical functionality testing should be performed by a licensed electrician.

NOT RECOMMENDED ○ PASS
 RECOMMENDED ● FAIL

Operator Name: _____

Signature: _____

Date: _____

ThermoFisher
 S C I E N T I F I C