

Sartorius 6971790

Sartorius 6971790 Universal Power Adapter User Manual

Model: 6971790

1. PRODUCT OVERVIEW

The Sartorius 6971790 Universal Power Adapter is designed to provide reliable power to Sartorius Quintix and Practum balances. This adapter is a versatile solution for global use, featuring a main power unit and a set of six country-specific plug adapters to ensure compatibility in various regions.

It is engineered with an Ingress Protection (IP) rating of IP40, indicating protection against solid objects larger than 1mm (like tools and wires) and against splashing water from any direction. This design ensures durability and safe operation in typical laboratory environments.



Image 1.1: The Sartorius 6971790 Universal Power Adapter shown with its main unit and the six included country-specific plug adapters for

2. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove the universal power adapter and all six country-specific plug adapters from their packaging. Verify that all components are present as listed in the "What's in the Box" section.
2. **Select Correct Plug Adapter:** Identify the appropriate plug adapter for your geographical region (Europe, UK, USA, Australia, India, or South Africa).
3. **Attach Plug Adapter:** Align the selected country-specific plug adapter with the main power adapter unit. Gently slide and click the plug adapter into place until it is securely fastened. Ensure it is firmly seated to prevent accidental disconnection.
4. **Connect to Balance:** Insert the DC output connector of the power adapter into the designated power input port on your Sartorius Quintix or Practum balance.
5. **Connect to Power Outlet:** Plug the assembled power adapter into a suitable electrical wall outlet. Ensure the outlet provides the correct voltage and frequency for your region.
6. **Verify Power:** Confirm that your Sartorius balance receives power. Refer to your balance's user manual for specific power indicator lights or display messages.

3. OPERATING THE ADAPTER

The Sartorius 6971790 Universal Power Adapter operates automatically once connected to a power source and your Sartorius Quintix or Practum balance. It provides the necessary power supply for the balance's functions.

- **Automatic Voltage Adaptation:** The adapter is designed to handle a range of input voltages, automatically adapting to the local power supply within its specified operating range.
- **IP40 Protection:** The IP40 rating signifies that the adapter is protected against solid objects larger than 1 millimeter and against splashing water. While it offers protection, it is not waterproof and should not be submerged or exposed to direct water jets.

4. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your power adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and the balance before cleaning. Use a soft, dry, lint-free cloth to wipe the exterior surfaces. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the adapter's casing.
- **Storage:** When not in use, store the adapter and its plug attachments in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid coiling the cable too tightly to prevent damage.
- **Inspection:** Periodically inspect the power cord, plug adapters, and the main unit for any signs of damage, such as frayed wires, cracks, or bent pins. If any damage is observed, discontinue use immediately and contact Sartorius customer support.

5. TROUBLESHOOTING

If you encounter issues with your Sartorius 6971790 Universal Power Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Balance does not power on.	<ul style="list-style-type: none">• Adapter not securely plugged into outlet.• Plug adapter not securely attached to main unit.• Adapter not securely connected to balance.• Power outlet is not functioning.• Damaged adapter or cable.	<ul style="list-style-type: none">• Ensure all connections are firm and secure.• Test the power outlet with another device.• Inspect the adapter and cable for visible damage. If damaged, discontinue use and contact support.
Adapter feels unusually hot.	<ul style="list-style-type: none">• Overload or internal fault.• Poor ventilation.	<ul style="list-style-type: none">• Disconnect immediately. Allow to cool.• Ensure adapter is in a well-ventilated area.• If overheating persists, discontinue use and contact support.

If the problem persists after attempting these solutions, please contact Sartorius customer support for further assistance.

6. SPECIFICATIONS

Model Number	6971790
Manufacturer	Sartorius
Compatibility	Sartorius Quintix and Practum Balances
Ingress Protection (IP) Rating	IP40 (Protected against solid objects >1mm and splashing water)
Included Plug Adapters	Europe, UK, USA, Australia, India, South Africa (6 total)
Package Dimensions	7.1 x 3.5 x 2.2 inches
Item Weight	8.82 ounces

7. WARRANTY INFORMATION



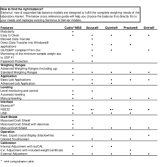


This Sartorius product is covered by a manufacturer's warranty. For specific details regarding the warranty period, coverage, and terms and conditions, please refer to the warranty documentation included with your original purchase or visit the official Sartorius website. Keep your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

For technical assistance, product inquiries, or warranty service, please contact Sartorius customer support. You can find contact information, including phone numbers and email addresses, on the official Sartorius website or in the documentation provided with your product.

When contacting support, please have your product model number (6971790) and any relevant purchase information readily available.

Related Documents - 6971790

	<p>Sartorius Secura, Quintix, Practum Laboratory Balances User Manual</p> <p>This user manual provides comprehensive instructions for Sartorius Secura®, Quintix®, and Practum® laboratory balances. It details installation, operation, calibration, maintenance, and various weighing applications, ensuring optimal performance and accuracy for laboratory professionals.</p>
	<p>Sartorius Secura, Quintix, Practum Laboratory Balances User Manual</p> <p>Comprehensive user manual for Sartorius Secura, Quintix, and Practum laboratory balances. Details installation, operation, safety guidelines, various weighing applications, system settings, and technical specifications for precise laboratory measurements.</p>
	<p>Sartorius Lab Balance Cross-Reference Guide: Find Your Perfect Model</p> <p>Compare Sartorius lab balance models across Cubis MSE, Secura, Quintix, Practum, and Entris series. Find replacement models and FS catalog numbers for your laboratory weighing needs.</p>
	<p>Sartorius CP Gemplus Series: Operating Instructions for CPA, GCA, and GPA Electronic Balances</p> <p>Comprehensive operating instructions for Sartorius CP Gemplus Series electronic balances (CPA, GCA, GPA models). Covers installation, operation, configuration, application programs, maintenance, and troubleshooting for micro-, analytical, and precision weighing.</p>
	<p>Sartorius CP Gemplus Series: Operating Instructions for Precision Balances</p> <p>Comprehensive operating instructions for Sartorius CP Gemplus Series electronic micro-, analytical, and precision balances, including CPA, GCA, and GPA models. Covers installation, operation, configuration, and maintenance.</p>



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