

AEQUA– Technical Specification

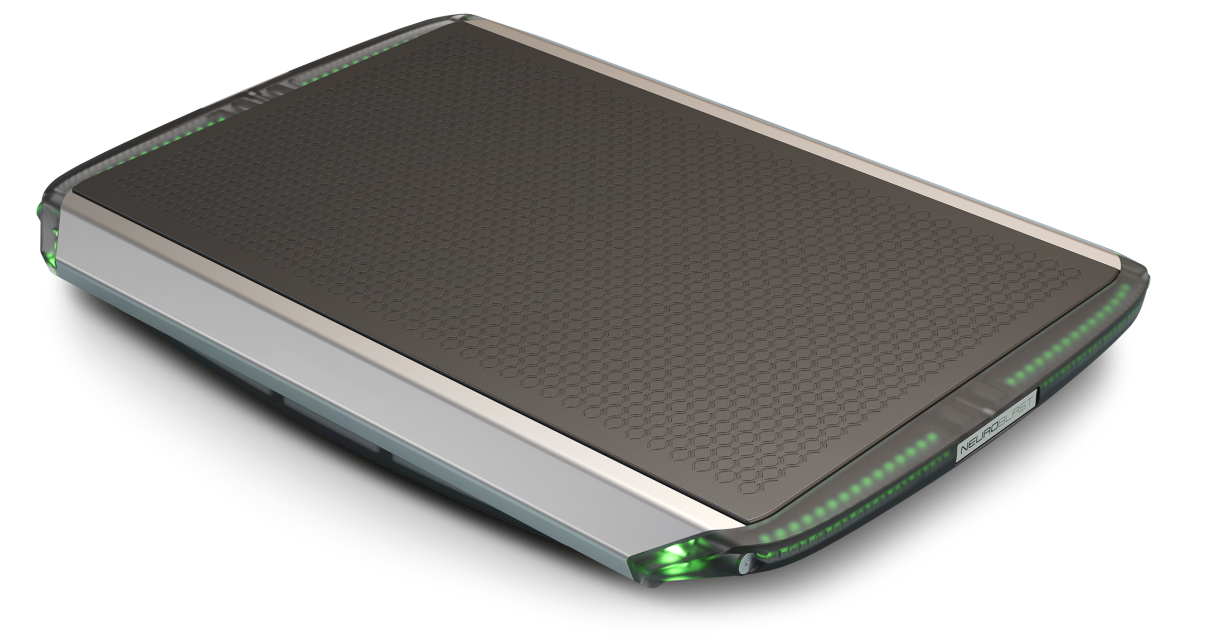


Image: Replace the above placeholder URL with an actual Aequa product image.

Brief Description

Aequa is a balance board designed for fitness applications, providing real-time force sensor data to track a user's weight distribution and balance. It enables a wide range of standing and balancing exercises.

Technical Data

Parameter	Specification
Product Name	AEQUA(Neuroblast Balance Board
Intended Use	)Balance training
Dimensions	[e.g.] 450 mm x 300 mm x 30 mm (Replace with actual measurements) [e.g.] 2.5 kg (approx.)
Weight	

Parameter	Specification
Material	Reinforced plastic housing, slip-resistant top surface, Aluminium
Sensor Type	Integrated force sensors
Load Capacity	[e.g.] Up to 150 kg
Connectivity	Bluetooth (2.4 GHz)
Battery Type	Rechargeable Li-ion battery, 5V
Charging	Via USB cable or dedicated adapter (Replace with actual charging method)
Typical Charge Time	[e.g.] 2–3 hours
Operating Time	[e.g.] 4–6 hours (depending on usage)
Operating Temperature	[e.g.] +10 °C to +40 °C
Storage Temperature	[e.g.] 0 °C to +45 °C
Certifications	_____

Key Features

- **Force Sensor Array:** Measures weight distribution and balance in real time, offering objective data for rehabilitation.
- **Slip-Resistant Surface:** Textured top surface prevents users from slipping during exercises.
- **Portable Design:** Lightweight, low-profile form factor for easy transport and storage.
- **Wireless Connectivity:** Bluetooth interface for seamless data transfer to a smartphone, tablet, or PC.
- **Battery Powered:** Internal rechargeable Li-ion battery for cordless operation in clinical or home environments.

Additional Notes

- **Charging:** Use only the provided or approved 5V power adapter and cable.
- **Maintenance:** Clean with a soft, slightly damp cloth; avoid harsh chemicals or submersion in water.
- **Safety:** Ensure the board is on a stable, level surface before use. Follow guidance from medical professionals if used for rehabilitation.
- **Storage:** Keep in a dry, temperate environment away from direct sunlight or extreme temperatures.

Warning: Changes or modifications to this unit not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- I Reorient or relocate the receiving antenna.
- I Increase the separation between the equipment and receiver.
- I Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- I Consult the dealer or an experienced radio/TV technician for help

The device must not be co-located or operating in conjunction with any other antenna or transmitter.

*** RF warning for Portable device:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.