



K-D Balance Online System

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Please contact us directly at: **+1-844-606-7513** or email us at balance@kingdevicktest.com.

K-D Balance Operator Manual

K-D Balance measures balance using motion sensors already built into the iPhone or iPod touch devices. K-D Balance utilizes a proprietary algorithm that calculates balance score based on the analysis of subject movements detected by the mobile device internal accelerometer. Balance is measured during a series of stances with the device secured to the subject with a device holder. Health care professionals follow the step-by-step voice guidance that runs after launching the app during the entirety of the test to ensure consistency in obtaining balance measures.

Indication for Use

K-D Balance is an objective balance assessment tool and is intended to be used for individuals for whom a balance measurement is a desired outcome. K-D Balance is intended for use to assess balance performance. Individual suitability for assessment must be judged on a case by case basis, by a qualified individual including those certified or licensed in their state to prescribe and use balance devices such as certified athletic trainers and coaches, physical therapists, nurses, physicians, and other health care providers. Patients with conditions that could affect balance include, but are not limited to, vestibular dysfunction, nausea, headaches, orthopedic injury, inner ear infection or dysfunction, neurological conditions, head injury, medication side effects, dehydration and fatigue. K-D Balance can be used wherever an iOS mobile operating device is available. K-D Balance does not function as a diagnostic test. K-D Balance should be administered, and results should be interpreted by healthcare professionals

Intended Use Statement

K-D Balance measures balance using a mobile iOS device's built-in accelerometer to detect movement and provides a quantitative balance score. K-D Balance is recommended for use with commercially available device holder for securing the device to the subject during testing. If issues arise regarding use of a device holder, contact King-Devick technologies, Inc. by email at help@kingdevicktest.com or by phone at (630) 501-0281. If there is a defect or malfunction of the device holder, it is recommended to replace the holder before performing K-D Balance testing for accurate measurements.

Warnings

If the subject experiences difficulties during testing or is at-risk of falling, testing should be discontinued. K-D Balance testing should only be administered by a licensed medical professional, who is aware of the subject's medical condition. Conditions affecting balance performance include but are not limited to: brain injury, vestibular dysfunction, orthopedic injury, inner ear dysfunction, certain medications, nausea, dehydration, fatigue, and atmospheric pressure changes. These conditions may lead to balance dysfunction, therefore individuals who suspect their balance is impaired should consult their physicians. K-D Balance is not intended to diagnose or treat any medical conditions or diseases or replace an evaluation by a medical professional.

Contraindications

Environmental testing conditions are important when using the device. Improper testing conditions include: soft or unstable ground, wet or slick floors, and environments with excessive distractions. These conditions may affect testing performance or be a potential hazard.

Precautions

K-D Balance testing is recommended to be performed when the device is secured with a device holder. Testing should be administered by healthcare professionals only.

K-D Balance Online System: Quick Start & Tips

- ✓ The **K-D Balance Online System (BOS)** allows for storage of subject K-D Balance results.
- ✓ Login to K-D BOS via the web at: <http://balance.kingdevicktest.com/>
- ✓ Quickly and easily import subject details to your K-D BOS account. See [Import Subjects](#).
- ✓ Use the **K-D Balance App** companion iPhone or iPod app for testing even when internet is not available. The app synchronizes with your K-D BOS account when internet access is available. Visit: <https://kingdevicktest.com/products/k-d-balance/resources/#user-guides> for instructions and tutorials for the K-D Balance App.
- ✓ Additional K-D BOS features include:
 - Add Users to your account with a separate login and password
 - Quickly and easily import subject details into your K- D BOS account
 - Renew or make changes to your K-D BOS account

Log into K-D Balance Online System

Access the King-Devick Balance Online System (BOS) via the web at: <https://balance.kingdevicktest.com>. Enter your K-D BOS Username and Password to access your account. If you have forgotten your password, click “Forgot your Password”.

The screenshot shows the K-D Balance Online System interface. The top navigation bar includes 'Subjects', 'My Account', 'Import Subjects', and 'More'. The main content area is titled 'Subject Details' and shows information for 'Brad S Jones', including Subject ID (0200-0451), Date of Birth (Jan 02 2007), and Dominant Leg (Left). A line graph displays test results for Double Leg Stance, Tandem Right Stance, and Tandem Left Stance over time. Below the graph is a table of test history.

Callout boxes provide the following information:

- My Account:** Account Details, View/Add Users
- Import Subjects:** Add subject details into your account
- More:** App Details, Help, Logout
- Edit Subject Details:** Edit Subject Details
- K-D Balance Test History:** K-D Balance Test History
- Subject List:** Subject List
- Add a New Subject:** Add a New Subject
- Find an existing subject by name:** Find an existing subject by name. Select “Include Archived” to search for existing subjects that have been automatically archived after a year.

Add a Subject

1. Click “Subjects” from the top toolbar. Click “Add a Subject”.
2. Enter the subject’s details including Name, Subject ID, Date of Birth and Dominant Leg. The Dominant Leg is the leg that subject would kick a ball with.
3. Tap “Save” to save the new subject profile.

Edit a Subject

1. Tap the Edit icon to the right of Subject Details.
2. Make any necessary changes to the subject’s details.
 - a. Delete: delete the subject and all K-D Balance test history
 - b. Archive: Manually archive a subject profile to remove the subject from the subject list that are no longer being tested. Subject profiles are automatically deactivated and archived a year after initial activation.
 - c. Activate: Archived subjects may be activated for additional testing.

Import Subjects

Quickly and easily import subject details into your K-D BOS account.

1. Click “Import Subjects” from the top toolbar.
2. Follow the onscreen instructions.
 - a. Download the sample .CSV file.
 - b. Enter subject details including Name, Subject ID, Date of Birth and Dominant Leg. The Dominant Leg is the leg that subject would kick a ball with.
 - c. Save your .CSV file.
 - d. Click “Next” and select the saved .CSV file to import.

Add New User

As the administrator of your K-D BOS account, you may add Users to your account with separate logins.

1. Click “My Account” from the top toolbar.
2. Click “Add User”.
3. Enter the User details: Name, Username, Recovery Email, Phone number (if necessary) and password. Click “Save Changes”.

Troubleshooting

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Can't log in

1. Please check your Username and Password. The password entry is case sensitive.
2. Ensure that you have a working internet connection.

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