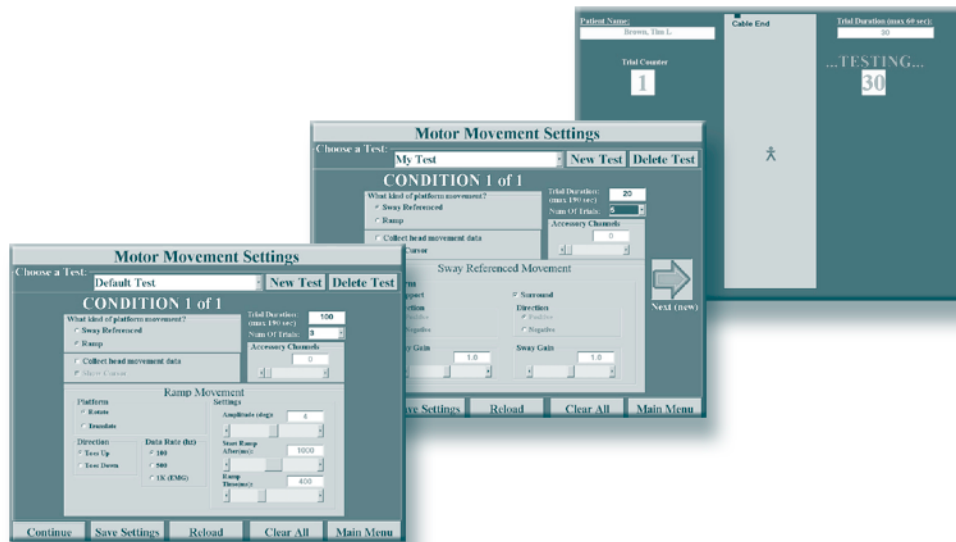




D.A.T.a™

Data Acquisition Toolkit



Description:

- Provides increased flexibility for designing test protocols.
- Enhances data acquisition capabilities for clinical research.
- Improves management of patient data.
- Simplifies the export of patient data into other software programs.

Complete system specifications available upon request. Specifications subject to change without notice.

Minimum System Requirements:

The Data Acquisition Toolkit (D.A.T.a) is available as an option on the following NeuroCom® Systems (version 8.0 and higher):

- Balance Master®
- PRO Balance Master®
- SMART Balance Master®
- EquiTest®
- SMART EquiTest®

Earlier versions of the above NeuroCom Systems may be upgraded to the current version to accommodate the new D.A.T.a program. For additional information regarding upgrading your existing NeuroCom System, please contact us at +1-800-767-6744.

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D.A.T.a™

Data Acquisition Toolkit

Description:

Data Acquisition Toolkit (D.A.T.a) A software option designed specifically for researchers and clinicians wanting greater flexibility and control in designing test protocols and gathering patient data. D.A.T.a allows the user to manipulate specific data collection and test parameters, and provides easy data export for off line analysis.

Data Collection With D.A.T.a, the operator is able to specify Trial Duration, Cursor Display Status, Targets, Sway Reference Values (dynamic systems), and Ramp Start Delay and Amplitude (dynamic systems).

- **Trial Duration** The default setting can be adjusted to any whole second duration value between 1 and 190 seconds.
- **Cursor Display Status** This feature activates a real time display of the patient's Center of Gravity (COG) during data acquisition trials.
- **Custom Targets** The operator can design task specific parameters, including placement, size, shape and sequence.
- **Save Settings** All modified settings can be saved as default values allowing the user to conduct multiple trials without reconfiguring test settings. The user can also define test suites.
- **Sway Reference Values** On the dynamic systems, support surface and visual surround movements can be set to operate in sway reference mode during data acquisition within user specified parameters. Sway reference gain can be set to a desired value between 0 and 2.0. The direction of movement can be set to move with the patient or in opposition to the patient.
- **Accessory Channels** The maximum allowed Trial Duration will change according to the number of accessory channels selected.
- **Ramp** On the dynamic systems, the support surface translate and rotate axes can be set independently to perform ramp movements at a specified time during the trial, and at a specified amplitude. The trial duration of the ramp can also be specified.
- If the Head Shake-Sensory Organization Test (HS-SOT) accessory is installed on the NeuroCom System, D.A.T.a also provides the option to record and collect **Head Movement Data**.

Data Export With D.A.T.a the operator can store patient data in ASCII files, which are configured for easy export into commercially available data analysis and display programs. Data can be exported as either Load Cell Raw Data or Center of Force/Center of Gravity/Weight (COF/COG/WT). If COF/COG/WT is selected, the operator can also specify the units for each.

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