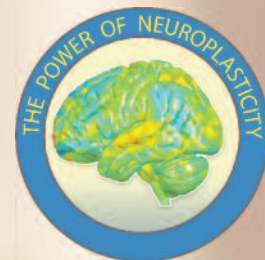


"The Clinical Advantage"<sup>™</sup>



# GaitTrainer<sup>™</sup> 3

More than just a treadmill...It is the most important improvement to gait training since the parallel bars.



## Quantify Patient Progress

Beyond audio and visual biofeedback,  
musically-cued gait training for  
pattern sensory enrichment.

Prove patients are getting better, faster.

[www.biodex.com/gaittrainer](http://www.biodex.com/gaittrainer)



**Biodes Gait Trainer 3**

NEW Display, NEW Software,  
NEW Normative Data, NEW Applications

# BIODEX

[www.biodex.com](http://www.biodex.com)

**1-800-224-6339**

*Int'l 631-924-9000*

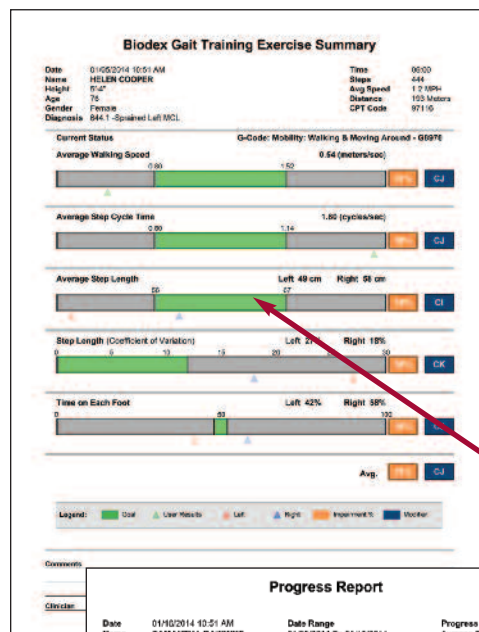
## FEATURES:

- **Instrumented Deck** – the Gait Trainer™ 3 is the only treadmill with an instrumented deck that monitors and records step length, step speed and right-to-left time distribution (step symmetry).
- **Open Platform** – enables patient access for therapist interaction; easily accommodates BWSTT with the Biodex Unweighing System.
- **NEW Windows Operating System and Larger Display** – intuitive navigation, large touch-screen display (15.6") for improved user interface. Can also accommodate external keyboard and a mouse.
- **Audio and Visual Biofeedback** – motivates patients with real-time biofeedback, prompting proper gait patterns. Biofeedback helps patients stay on target in each phase of rehabilitation.
- **NEW Integrated Music Therapy** – available as an option, Rhythmic Auditory Stimulation (RAS) is available to your patients through music therapy-informed compositions in the correct beats per minute to elicit pattern sensory-enhanced movement. Combined with Biodex technology and gait repetition, music therapists can treat more patients and document results. (See inset.)
- **NEW Microsoft SQL Relational Database** – allows you to easily store and retrieve patient data, multiple tests per patient. Export to Excel® for reporting and analytics.
- **Objective Documentation** – lets you quantify patient progress and demonstrate the benefits of treatment. Biodex technology helps accelerate positive patient outcomes, and then lets you prove it.
- **G-Code Reporting** – improve documentation of rehab effectiveness with automated G-code calculations and impairment level reports. These efficiencies foster continuity of care, simplify audits and reduce claims denial.
- **Enhanced Normative Data** – robust base of healthy population by age and gender for comparative patient assessment.
- **Heart Rate Monitoring** – Polar® contact handgrips (telemetry compatible) ensures proper training intensity.
- **Connect & Engage** – system allows connection to larger monitors or LCD projectors to enhance interaction for visually impaired patients.

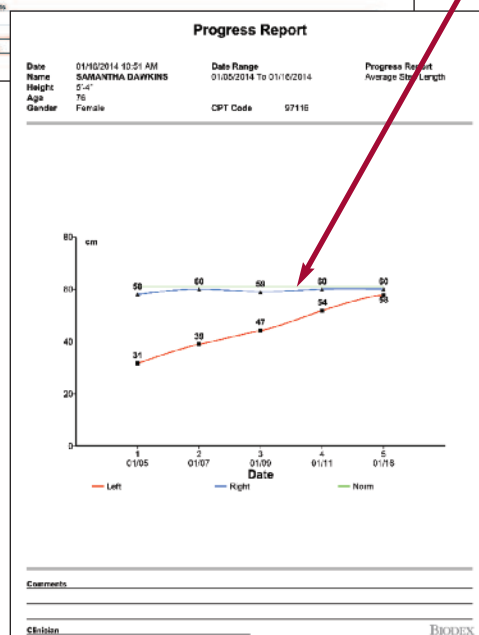


## Objective Documentation - Now with G-Code reporting

- Impairment percent with associated modifier code
- Functional Limitation G-code categories
- Patient Status: (Current and Discharge Status)



Normal range shown in green



**Progress Report** – perfect for showing need, progress and outcome for specific gait parameters:

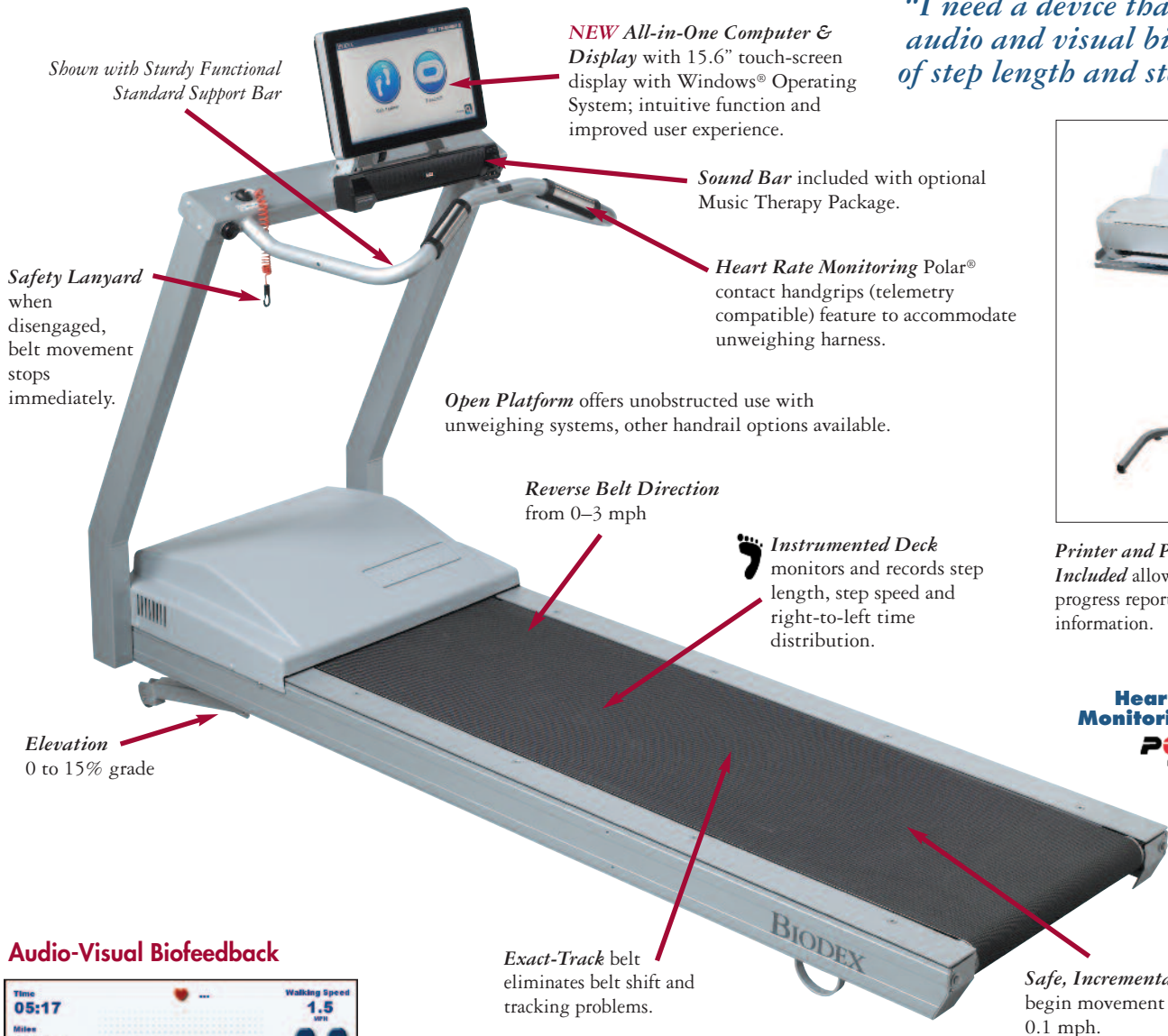
### Specific Gait Parameters:

- Average walking speed over time
- Total exercise time
- Total distance and steps taken
- Average step length: RT vs. LT
- Step length variability: RT vs. LT
- Time on each foot: RT vs. LT

For sample reports, CPT codes, testimonials, applications, bibliographies and warranty information, click in at [www.biodex.com/gaittrainer](http://www.biodex.com/gaittrainer).

# Bring patients up to speed with the right step length

*“I need a device that provides audio and visual biofeedback of step length and step speed.”*



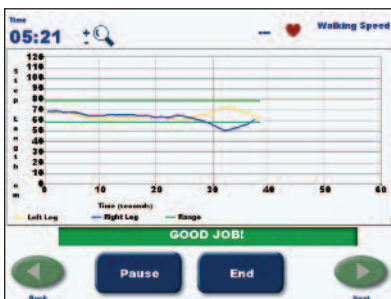
**Printer and Printer Stand Included** allows for printing of progress reports and patient information.



## Audio-Visual Biofeedback



Footfall Screen



Histogram Screen - plots right and left step lengths / symmetry

## Sensory Enhanced Option includes Music Therapists in the Plan of Care



The ratio of Physical Therapists to Music Therapists is 30:1. The need is there. The increasing rate of Parkinson's diagnosis alone reinforces this point. Rhythmic Auditory Stimulation (RAS) is well researched for its efficacy with the relationship between music and healing dating back to early civilizations. Working in conjunction with The Center for Music Therapy, Austin, TX, the Gait Trainer 3 offers an integrated starter library of music therapy-informed compositions and allows music therapists to incorporate their own. The right music, the correct beats per minute (bpm) and gait repetition help reinforce neuroplasticity and get patients better, faster. Documented.

**BIODEX**



## APPLICATIONS

**Goal:** Develop symmetrical gait by improving step length, step speed and right to left time distribution.

**Older Adult**  
**Orthopedic Patients**  
**Stroke/Traumatic Brain Injury**  
**Spinal Cord Injury**  
**Amputation of a Lower Extremity**  
**Parkinson's Disease**  
**Neurologic Patients**  
**Vestibular Patients**



**NEW** Gait Trainer 3  
 shown in use with the Biodes  
 NxStep Unweighing System.

## SPECIFICATIONS:

- Dimensions: 86" l x 27" w (218 x 69 cm)  
 Walking Area: 64" l x 20" w (160 x 51 cm)  
 Printer Stand: 24" l x 24" w (61 x 61 cm)
- Deck: 1" thick (2.5 cm) reversible Teflon™ impregnated high-density composite fiber
- Motor: 2 HP with 4Q-Pulse Width Modulation Control
- Speed Range:  
 Forward: 0-10 mph (0-16 km/h)  
 Reverse: 0-3 mph (0-4.8 km/h) in 0.1 mph (.16 km/h) increments  
 Gait Trainer Mode: Speed limited to 3 mph (4.8 km/h)
- Elevation: 0-15% Grade
- Heart Rate Monitoring: Polar® contact handgrips (telemetry compatible)
- Display: 15.6" All-in-One PC
- Printer: HP DeskJet
- Power: 115 VAC, 50/60 Hz, 20 AMP dedicated line, or 230 VAC, 50/60 Hz, 20 AMP dedicated line  
 Includes hospital grade plug with 12' (3.7 m) power cord.
- User Capacity: 400 lb (182 kg)
- Weight: 395 lb (179 kg)
- Certification: ETL listed to UL 60601-1 and CAN/CSA C22.2 No.:601.1-M90.CE conformity to EN 60601-1, EMC compliance to EN 60601-1-2.
- Warranty: Two-years parts; one-year labor



**950-400** Gait Trainer™ 3, 115 VAC\*  
 50/60 Hz  
 Includes Support Bar

**950-402** Gait Trainer™ 3, 115 VAC\*  
 50/60 Hz  
 Includes Extended Handrails

**950-406** Gait Trainer™ 3, 115 VAC\*  
 50/60 Hz  
 Includes Geriatric/Pediatric Handrails  
 \*Includes printer and printer stand

## Optional

**950-413** Integrated Music Therapy Package  
 Compatible with Biodes  
 Gait Trainer 3 featuring Windows OS.  
 Includes music library and sound bar.

Export models available.  
 U.S. Patent No. 6,645,126 B1

## HANDRAIL CONFIGURATIONS:



**950-400** Includes Support Bar\*



**950-402** Includes Extended Handrails\*



**950-406** Includes Geriatric/Pediatric Handrails\*

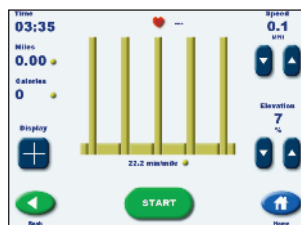
\*All photos shown with Music Therapy option

## Multiple Applications with a Single Investment

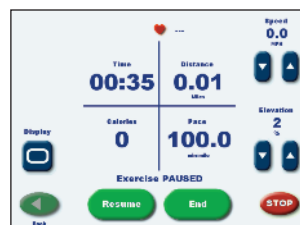
Beyond the many features and applications for gait training, this dual mode device can also be used as a traditional rehabilitation treadmill with speed range up to 10 mph.



**Quick-start** Gets you up and going fast with 1/4 mile scaled track views.



**Pre-programmed and Custom profile modes** allow patient-specific treatment protocols – freeing up valuable therapist time.



**Large Print Screen option,** simple to use, easy to see... perfect for the older adult.

[www.biodes.com/gaittrainer](http://www.biodes.com/gaittrainer)

# BIODEX

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