

# Specifications

**Exactly what you need, when you need it... nothing less - guaranteed**

## Specifications S4 Pro

System 4 PRO Patient Positioning System with motorized seat height, front-to-back chair adjustment, fully assisted dynamometer height adjustment, and side-to-side adjustment.

System 4 PRO features: Touch screen interface for quick, easy multi-mode operation; isokinetic, isometric, isotonic, reactive eccentric and passive

- Concentric speed up to 500 deg/sec
- Eccentric speed up to 300 deg/sec
- Concentric torque up to 500 ft-lb (680 Nm)
- Eccentric torque up to 400 ft-lb (544 Nm)
- Passive speed as low as .25 deg/sec
  - Passive torque as low as .5 ft-lb
  - Isotonic torque as low as .5 ft-lb

Clinical Data Station:

- Processor: Pentium 4 2.8 GHz
- 512 MB RAM
- 80 GB Hard Drive
- 48x CDRW
- Windows XP Operating System
- Biodex Advantage Software
- LCD Flat Panel Touch Screen Color Monitor with integrated speakers
- Color Printer

Attachments:

- Attachments for ankle, knee, shoulder, elbow, wrist and hip
- Attachment cart
- Calibration kit
- Manuals and wall chart
- 64 square feet operating space (6 square meters)

Approvals:

ETL and cETL listed to UL 60601-1, CAN/CSA C22.2 No.: 601-1-M90 and EN60601-1, CE conformity to M.D.D. 93/42/EEC\*

\*When sold complete with computer, monitor and printer.

## Options to S4 Pro

- Dual Position Back Extension/Flexion Attachment
- Lift Simulation Attachment
- Closed Kinetic Chain Attachment
- Work Simulation Tools
- Anti-Shear Attachments
- Pediatric Attachments
- Wide Seat Option
- Analog Signal Access Interface
- Research Tool Kit

## Specifications S4 Quick-Set

System 4 QUICK-SET Patient Positioning System with fixed seat height, fully assisted Dynamometer height adjustment, front-to-back chair adjustment.

System 4 QUICK-SET features: Touch screen interface for quick easy multi-mode operation; isokinetic, isometric, isotonic, reactive eccentric and passive

- Concentric speed up to 500 deg/sec
- Eccentric speed up to 300 deg/sec
- Concentric torque up to 500 ft-lb (680 Nm)
- Eccentric torque up to 400 ft-lb (544 Nm)
- Passive speed as low as .25 deg/sec
  - Passive torque as low as .5 ft-lb
  - Isotonic torque as low as .5 ft-lb

Clinical Data Station:

- Processor: Pentium 4 2.8 GHz
- 512 MB RAM
- 80 GB Hard Drive
- 48x CDRW
- Windows XP Operating System
- Biodex Advantage Software
- LCD Flat Panel Touch Screen Color Monitor with integrated speakers
- Color Printer

Attachments:

- Attachments for ankle, knee, shoulder, elbow, and wrist
- Attachment cart
- Calibration kit
- Manuals and wall chart
- 32 square feet operating space (3 square meters)

Approvals:

ETL and cETL listed to UL 60601-1, CAN/CSA C22.2 No.: 601-1-M90 and EN60601-1, CE conformity to M.D.D. 93/42/EEC\*

\*When sold complete with computer, monitor and printer.

## Options to S4 Quick-Set

- Dual Position Back Extension/Flexion Attachment
- Lift Simulation Attachment
- Closed Kinetic Chain Attachment
- Work Simulation Tools
- Hip Attachment
- Anti-Shear Attachments
- Pediatric Attachments
- Wide Seat Option
- Analog Signal Access Interface
- Research Tool Kit



# BIODEX

Biodex Medical Systems, Inc.

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*"The Clinical Advantage"™*

**D I S T I N G U I S H   Y O U R S E L F**



*The most popular and advanced dynamometer  
in the world just got better and easier-to-use.*

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**NEW**



# Introducing Biodex S4

**The fastest way to identify, treat, and document the physical impairments that cause functional limitations**

The new Biodex System 4 combines the art and science of rehabilitation. Dynamic and static muscle loading environments provide unlimited combinations of technique and application.

Biodex, the world leader in neuromuscular evaluation and therapeutic exercise continues to offer pioneering breakthroughs. For almost 25 years, Biodex has lead the rehabilitation field with a compelling list of accomplishment and innovation, culminating with the new Biodex S4.

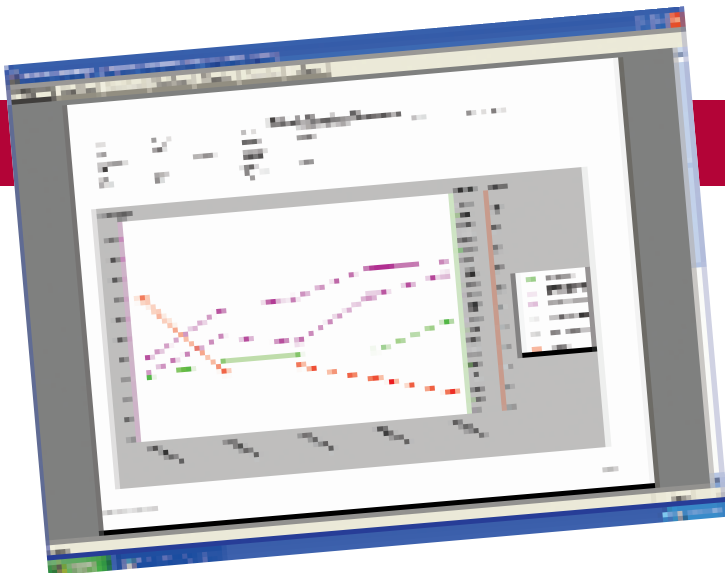
Assessments of physical impairments provide patients with a fast, effective, documented return to function. The S4 is unusually sensitive to patient limits; progressive and interactive features maintain complete control.

*Expanding on a tradition of excellence, the Biodex S4 can dramatically enhance your capabilities, broaden your spectrum of patients and ease your workload while distinguishing your clinic.*

Simple to use for all skill levels, the new S4 offers increased applications, improved research capabilities and proven results - bringing "The Clinical Advantage" to every patient.



- Touch-Screen Monitor – for quick, easy operation.
- Improved Software – In today's regulated environments, accurate and timely data collection and documentation are absolutely essential.
- Patient Positioning – set-ups are as simple as turning the dynamometer and chair to the labeled joint pattern.
- On-demand action videos –visual reminders demonstrate exercise and test patterns.
- Caters to all skill levels – easy-to-follow on-screen guides assist the inexperienced user while the Windows®-based application is flexible for the advanced.
- After-sale support – all backed by continual education programs and workshops around the globe.



◀ **NEW** *Rehabilitation Summary Report*

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