



ERGONOMICS FOR BETTER HEALTH

RADIOLOGY
CARDIOLOGY
GYNECOLOGY
ELECTROPHYSIOLOGY
ELECTROMYOGRAPHY
ELECTROENCEPHALOGRAPHY
EXERCISE ELECTROCARDIOGRAM



Model: ECHO-FLEX™ 4800-DY6-26

Thanks to many years of research and development, Ibiom and our hospital-based partners have created a range of exclusive biomedical products made in Canada. These include the *ECHO-FLEX™* stretcher made by IBIOM Instruments.

The *ECHO-FLEX™* is ergonomically designed to help prevent musculo-skeletal injuries to health professionals. (Standard and custom configurations are available.)

COMPANY HISTORY AND MISSION

Founded in 1978, IBIOM specializes in manufacturing ergonomically designed biomedical instruments. The company distinguishes itself through the quality and service of its products. The ergonomically-designed products help prevent the types of back, nape and shoulder pain to which health professionals are exposed. IBIOM takes pride in contributing to a better quality of working life for these health professionals. Our versatile team provides customers with unparalleled flexibility and quality of service. Dedicated to setting the benchmark in Canada for health ergonomics, IBIOM designs and manufactures custom products that adhere to high standards of quality.

ERGONOMIC STRETCHERS FOR DIAGNOSTIC ULTRASOUND

The primary function of the *ECHO-FLEX™ 4800* ergonomic stretcher is to bring the user closer to the patient in order to achieve an appropriate position for diagnostic ultrasound. This is made possible by adding a curve in the mattress and the height adjustability of the stretcher. Although specific configurations are recommended for specific applications, the *ECHO-FLEX™ 4800* stretcher can be adapted for all procedures. A gynaecological stretcher, for instance, can be adapted for cardiological use with the addition of an opening for cardiac ultrasound, or it can be adapted for radiology by positioning the foot section upright. The Trendelenburg option is also available for this stretcher. **See the "all-in-one" *ECHO-FLEX™ 4800* model.

¹ Opening for cardiac ultrasound: This is a removable opening in the mattress that facilitates ultrasound of the heart.

SPECIFICATIONS

OF THE *ECHO-FLEX™* 4800 STRETCHER

Dimensions

- Width: Standard 27 in. (69 cm.), but width can be varied from 23 in. to 30 in. (58 cm. to 76 cm.), depending on your requirements;
- Length: Standard 76 in. (193 cm.). Other lengths are available as required; Adjustable Height: 21 to 39 in. (53 cm. to 99 cm.); operated by a silent motor;
- Fowler Back: Adjustable from 0 to 60 degrees on 2 sections stretchers and from 0 to 80 degrees on 3 sections stretchers, operated by a silent motor;
- Trendelenburg option available from 0 to -12 degrees.

Capacity

- Weight: Motor has a maximum lifting capacity of 450 lbs. (205 kg.);
- Static capacity: 650 lbs (295 kg).

Security

- Security rails ergo design; tucks away underneath with single hand operation.

Mattress

- 3 in. (7.6 cm) Semi-rigid polyurethane foam;
- Curves in the mattress allow the user to come closer to the patient without having to bend or stretch his/her arm;
- Covered with a waterproof, heat-conducting synthetic material (blue).

Movements

- Controls: hand and/or foot control device.

Wheels

- 5 in. (12.7 cm.) individual locking swivel casters;
- Directional wheel and central lock (option).

Advantages and other features

- The clear/open space at the base of the stretcher lets the user move freely and easily;
- The patient can easily get on to the EchoFlex stretcher without using a footstool;
- Handles on each side of the back section make it easier to manoeuvre the stretcher;
- Jointly developed with the School of Industrial Design, faculty of Development, University of Montreal;
- Complies with ASSTSAS recommendations;
- All motors are CE and CSA certified (120 VAC, 60Hz);
- Made and assembled in Canada.



NEW!

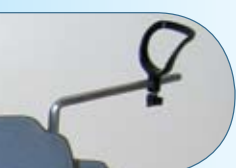
LIST OF OPTIONS AVAILABLE FOR *ECHO-FLEX™ 4800* STRETCHERS

- FC-1** Central locking and directional system;
- MA-4** 4-in. (10cm) blue mattress covered with waterproof, heat-conducting synthetic material (standard 3 in (7.6 cm) mattress included);
- CS-1** One completely retractable standard security rail: 17 in. (43 cm.) long by 6 in. (15 cm.) high;
- CS-2** Two completely retractable standard security rails: 17 in. (43 cm.) long by 6 in. (15 cm.) high;
- MO-2** Hand control device;
- PD-1** Foot control device;
- TP-1** Transport handles;
- PP-1** Transport retractable handles;
- TR-1** Triangle cutout;
- PR-5** Storage basket: 18 1/2 in. x 12 in. x 3 in. (47 cm. x 30 cm. x 7.6 cm.);
- PT-6/7** IV pole with support on each side;
- PE-2** Gynecological examination stirrups;
- SP-1** Paper dispenser;
- TR-19** Trendelenburg 0 to -12 degrees;
- BAT-18** Rechargeable battery pack;
- 200** Ergonomic chair;
- IB-12** Dynamic ergonomic armrest for left or right side.

*** These options can be installed on all stretcher models to meet your specific requirements.**



Model: *ECHO-FLEX™ 4800-DC-31*



Radiology

This is our two-section stretcher with curves in the mattress to ensure a more ergonomic position for the user. It comes with standard curves but can also be custom made if requested. Standard 17 in. (43 cm.) security rail can be installed on each side.

Suggestion: *ECHO-FLEX™ 4800-DG-26*

Options: two safety sides, 4 in. (10 cm.) mattress, IV pole with hanger and hand or foot control device.



Cardiology

This is our two-section stretcher equipped with a 9 in. x 12 in. (23 cm. x 30 cm.) opening on the left side to make it easier for the user to perform cardiac ultrasound. A short back section puts the patient in the appropriate position on his/her left side for better images. Also possible to have a cut-out on both sides with an *ECHO-FLEX™ 4800-DC-20*.

Suggestion: *ECHO-FLEX™ 4800-DC-20*

Options: two safety sides, 3 in. (7.6 cm.) mattress, IV pole with hanger and hand or foot control device.

Also consider models: *ECHO-FLEX™ 4800-DC-26*
and *ECHO-FLEX™ 4800-DC-31*



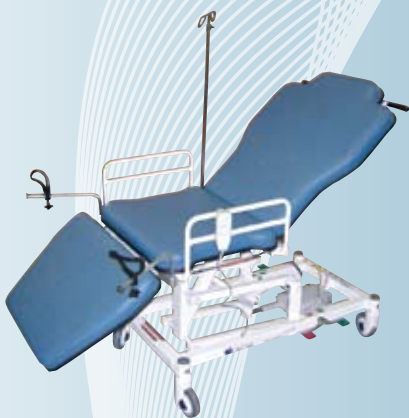
Gynecology

This is our three-section stretcher with curves in the mattress to ensure a more ergonomic position for the user. The curves can be custom cut as requested. The standard 17 in. (43 cm.) security rail can be installed on each side.

Suggestions: *ECHO-FLEX™ 4800-GY-26-2L*

Options: two safety sides, 4 in. (10 cm.) mattress, stirrups, IV pole with hanger and hand or foot control device.

Also consider model: *ECHO-FLEX™ 4800-DY-26*



"All-in-one"

Here's the stretcher for everyone! This is a three-section stretcher with curves in the mattress to ensure a more ergonomic position for the user. The curves can be custom made as requested. An opening for cardiac ultrasound is incorporated into the stretcher back.

Suggestion: *ECHO-FLEX™ 4800-GYC-26*

Options: Trendelenburg, two secure sides, stirrups, 3 in. mattress, IV pole with hanger and hand or foot control device.





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