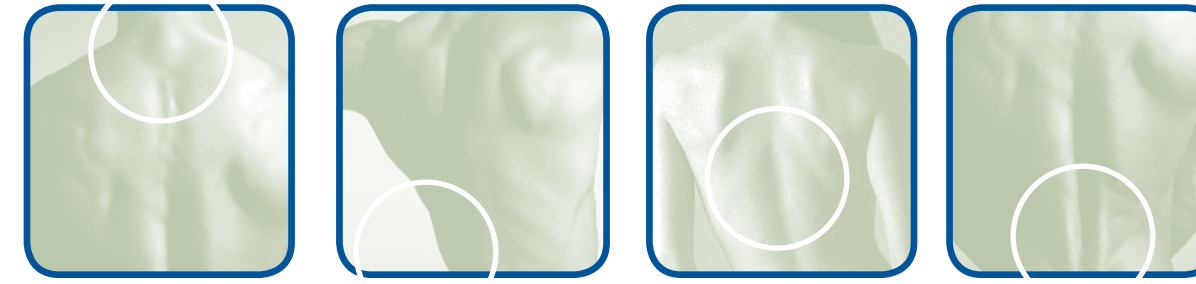
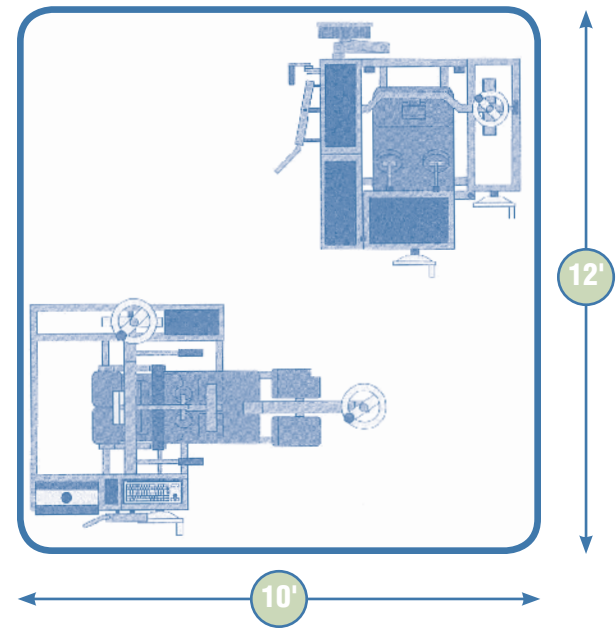


Floorspace Configuration



If you want to truly differentiate your practice from your competitors, become a leader in the treatment of back and neck pain. Clearly defined, scientifically based protocols for spinal testing and training will help you to attain the superior outcomes that will ensure the success and continued growth of your practice.

MED X MEDICAL

TO LEARN MORE:

Call toll-free 800.876.6339

- or -

Visit us online at www.MedXOnline.com

MED X MEDICAL

MedX is a FDA registered facility and its medical devices are cleared for sale within the United States by the FDA and are licensed within Canada by Health Canada. MedX is certified to the associated harmonized ISO 13485 and ISO 9001:2000 standards, and its medical devices are CE marked per the required Medical Device Directives of the European Community.

LUMBAR EXTENSION

LUMBAR EXTENSION

The MedX Lumbar Extension Machine can provide resistance over a full range of isolated lumbar motion (72 degrees), or over a selected limited range. In the exercise mode, a compound weight stack provides resistance from 10 to 400 foot pounds in increments of one foot pound.

Isometric testing may occur every three degrees within a patient's range of motion. During the test, the software plots a strength curve that allows a comparison of the patient's strength and range of motion to age and gender matched norms. It also has the ability to detect a lack of reasonable effort by the patient. Various reports can be generated for individual patients and selected patient groups or categories for outcome tracking purposes.

Testing accuracy and reliability is assured because the machine factors out the torque of both torso mass and stored energy. Torso mass is eliminated by an adjustable counterweight. Stored energy (tissue compression and/or joint elasticity) can be assessed and factored out at each angle tested.

Dimensions: 89"X62"X76" **Weight:** 2,144 lbs

STRENGTHENING IS THE SOLUTION

Medical research shows that the majority of patients with chronic spinal pain are significantly "deconditioned." Weakness of the musculature of the spine can lead to many conditions such as herniated discs, facet syndrome and a degenerative joint disease. A strong spine provides a strong foundation that allows for healthy spaces between the vertebrae, which helps prevent spinal compression.

To provide lasting relief from chronic neck and back pain, the spinal structures and supporting tissue must be actively reconditioned through isolated strengthening exercise. Until MedX developed its patented restraint systems, there was never an effective way to isolate and strengthen the muscles of the spine.

MEDX PROGRAM GOALS INCLUDE:

- DECREASED PAIN LEVELS ·
- RESTORED SPINAL FUNCTION ·
- IMPROVED QUALITY OF LIFE AND INDEPENDENCE ·
- DECREASED THE NEED FOR ON-GOING SPINAL CARE ·

LUMBAR EXTENSION



A. To accurately measure the force produced by the low back muscles during an isometric test, stored energy and gravity must be factored out. MedX medical machines are equipped with a counterweight that produces a force equal and opposite to the force of gravity.

B. Weight can increase by one pound increments, which makes it possible for even the weakest patients to gain strength.

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CERVICAL EXTENSION



MedX Medical Machines include a hospital-grade panel PC for data acquisition and storage. The MedX software package allows for streamlined patient test/exercise sessions. Visual and audio feedback aids the operator and patient throughout the test and exercise procedures. Testing options are available for both the motivated and malingering patient. MedX software includes many graphical representations to document progress in strength, endurance and range of motion. Age, gender and body weight based normative data is included for comparison to patient data.



CERVICAL EXTENSION

The MedX Cervical Extension Machine is an effective, proven solution for patients who suffer from neck pain and/or headaches. Because the cervical muscles must continually support the weight of the head, headache and neck pain are common clinical complaints. These ailments often result from muscular weakness or traumatic injury.

The MedX Cervical Extension Machine is highly reliable for cervical extension strength testing and dynamic variable resistance training. Isometric testing can be performed every three degrees through the normal 126 degree range of motion. Validation is achieved by effectively stabilizing the torso to achieve cervical extension muscle isolation. Counterbalancing the mass of the head eliminates the effects of gravity ensuring accurate torque assessment.

This machine features dual weight stacks with a stroke length of only 1.5 inches during a full-range dynamic contraction. This short stroke length reduces internal friction and lowers the risk of impact forces. Weight can be selected at three inch pound increments from 30 to 900 inch pounds of resistance.

Dimensions: 63"X48"X66" **Weight:** 1,570 lbs

MEDICALLY PROVEN TECHNOLOGY

MedX is recognized as the Gold Standard for treating and reducing chronic back pain and dysfunction through specific spinal strengthening. Over the last 15 years, the Universities of Florida and San Diego, along with various orthopedic clinics around the world, have published some of the most compelling research to date. This research shows that specific spinal strengthening exercises using the MedX Lumbar and Cervical Extension Machines help people get better, even after multiple failed attempts at other forms of treatment.

With more than 40 published articles in peer-reviewed journals, the proof lies in both the research and the testimonials of thousands of people around the world.

- *Spine*
- *Archives of Physical Medicine and Rehabilitation*
- *Physical Therapy*
- *Medicine and Science in Sports and Exercise*
- *American Journal of Sports Medicine*
- *Journal of Musculoskeletal Medicine*

