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Narragansett machine co., Providence, R.I.

Catalog of medical and anthropometric apparatus.
[Providence, R.I., 1904]

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CATALOG I.

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CATALOG
OF
MEDICAL AND
ANTHROPOMETRIC
APPARATUS.

MADE BY THE
NARRAGANSETT MACHINE CO.
PROVIDENCE, R. I.

APR 10 1957

Presented to the
**Statistical Division, Surgeon-General's
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Washington, D. C.

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Anthropom.

CATALOG I.

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OF
MEDICAL AND
ANTHROPOMETRIC
APPARATUS.

MAY 1. 1910.

DISCOUNT 15%

K. D., F. O: B: Providence, R: I:

MADE BY THE
NARRAGANSETT MACHINE CO.
PROVIDENCE, R. I.

ANTHROPOMETRIC CHARTS.

Charts, Record Cards and books may be obtained from the authors or publishers as below:

Amherst Charts: Dr. E. Hitchcock, Amherst College, Amherst, Mass.

Dr. Sargent's Charts: Dr. D. A. Sargent, Cambridge, Mass.

Dr. Seaver's Charts: Dr. Jay W. Seaver, Lynwood Place, New Haven, Conn.

University of Nebraska Charts: Annie Barr Clapp, University of Nebraska, Lincoln, Neb.

Oberlin Charts: Dr. Delphine Hanna, Oberlin, Ohio.

Y. M. C. A. Charts: International Committee, 124 East 28th Street, New York, N. Y.

Dr. Hastings Charts: F. A. Bassette & Co., Springfield, Mass.

Anthropometric Apparatus.

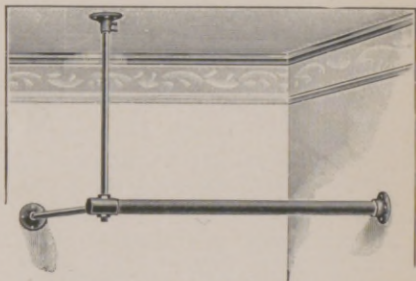
In the year 1885 the American Association for the Advancement of Physical Education appointed a committee on Anthropometry, consisting of Drs. D. A. Sargent, E. Hitchcock and W. G. Anderson. The report of this committee, made in 1886, has been the basis of anthropometry since that date, and nearly all the apparatus here described is designed for taking the tests and measurements prescribed by that committee.

The apparatus was formerly made in Europe, and when its manufacture was commenced here by Instrument Makers, it was on the lines of the imported instruments. They made single instruments to order or in small lots, the demand being limited; and as the work required the expert workmen, the price was high.

In some of the apparatus improvement has been made, both in design and cost. There is much, however, yet to be done.

In the instruments we have made, we have placed the price low as possible, hoping thus to popularize them and increase their use. This policy has been successful and the increased sale has enabled us to reduce the cost of manufacture.

Several instruments, such as scales, sense tests, etc., are made specially to order for us, and we take great care to keep them up to the standard required by the best authorities.

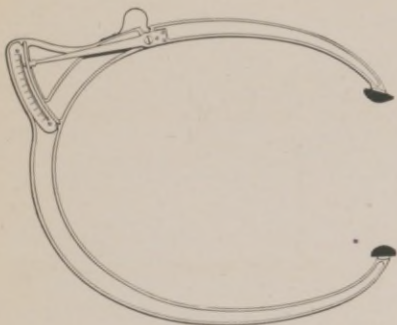


HORIZONTAL BAR.

For Pull Up's.

This bar is made with an adjustable support and brace to go in the corner of a room. In ordering give height of room and required length of horizontal brace. The bar is 3 feet long.

No. 583 Bar for Pull Up's..... 7.50



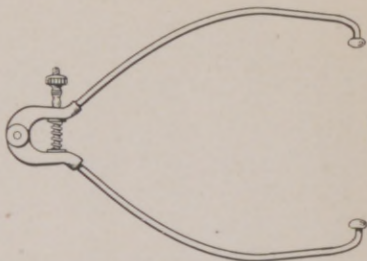
CHEST DEPTH CALIPER.

Self-Reading.

This caliper was designed specially for taking maximum and minimum chest depths at the same time. It is light and easy to handle, being made of aluminum and weighing only seven ounces. The tips are made of ebony which is not as cold to the touch as metal, and are large so as not to depress soft flesh. The pressure is constant, being applied by a spring, hence the indications are independent of the observer. Its capacity is from 5 to 11 inches or 13 to 27 centimeters. The scales are interchangeable. The scale is white celluloid with black graduations, and the index finger is black.

In use the caliper is held horizontal with the arm of the subject in the bow.

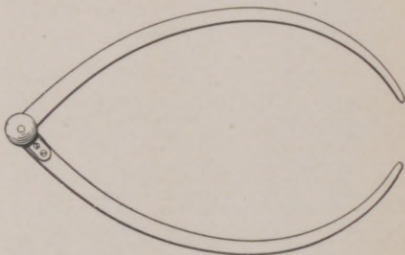
No. 585 Chest Dept Caliper.....12.00



CHEST DEPTH CALIPER.

Nickel Metal. Quick Acting Screw. Capacity 0 to 12 inches.

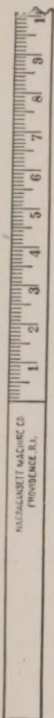
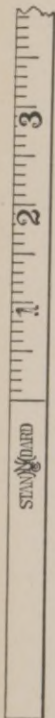
No. 592 Chest Depth Caliper.....4.00



CHEST CALIPER.

For Chest and Abdomen. Made of bent hickory, practically unbreakable.

No. 588 Chest Caliper, Hickory.....2.00



No. 587 ANTHROPOMETRIC TAPE, 5 ft. Metric and Inches.....25



This tape is specially made for us for anthropometric work. It is graduated to inches and tenths on one side for 5 ft. and to millimetres on the other for 2 metres. It is not as cold to the touch as steel or so likely to rust, and being painted does not absorb perspiration and dirt as to do common tailors' tapes.

The Spring Attachment was devised by Dr. Gullick to eliminate the personal equation of different examiners.

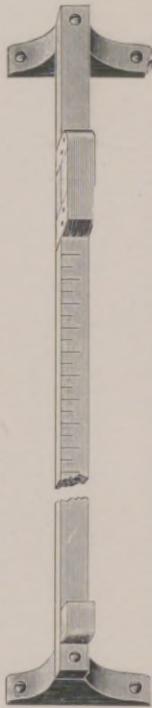
NO. 586 TAPE, With 6-oz. Spring (Gullick)75

ANTHROPOMETRIC TAPE.

STEEL TAPE.

A Nickel Plated Steel Tape in German Silver case with return spring. 60 inches long, graduated to 1-16 inches on one side and millimetres on the other. Best adapted for anthropometric work of any on the market.

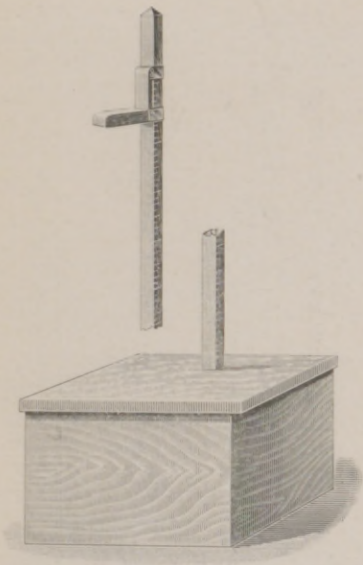
NO. 587 STEEL TAPE, 5 FT..... 1.75



ARM STRETCH Measuring Rod.

For measuring the stretch of arms. It consists of a rod about 7 ft. long with a fixed arm at one end and a sliding arm at the other. In use one middle finger tip is pressed against the fixed arm and the sliding arm pushed as far away as possible with the other. It is generally fastened to the wall at about 56 inches high.

No. 589 ARM STRETCH ROD..... 8.00



STADIOMETER.
Or Height Stand.

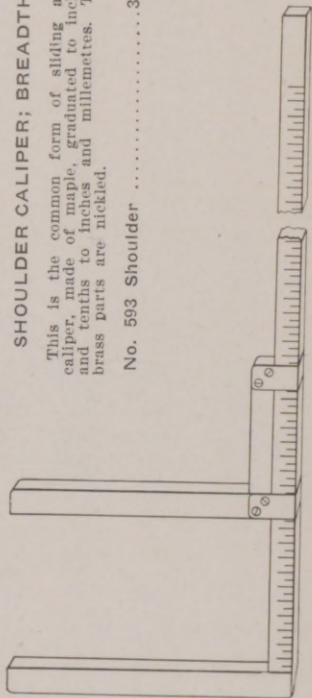
This is made according to the A. A. A. P. E. rule, with the base 18 inches square and 12 inches high. The rod is maple square and 12 inches and tenths on one edge and millimetres on the other. The sliding arm is arranged to measure from its upper as well as lower surface for knee heights, etc.

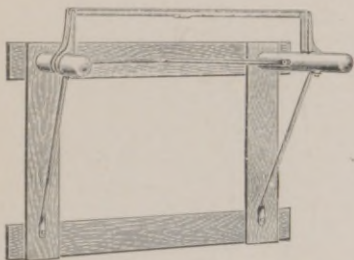
No. 591 Stadiometer.....8.00

SHOULDER CALIPER; BREADTH.

This is the common form of sliding arm caliper, made of maple, graduated to inches and tenths to inches and millemettes. The brass parts are nickled.

No. 593 Shoulder 3.00





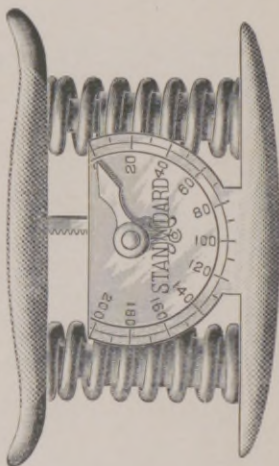
WALL PARALLEL.

For making a test of the "Strength of Upper-arms (triceps) and Chest." According to the recommendations reported June, 1904, by the A. P. E. A. committee on revision of physical examination, which requires bars 18 inches apart, 5 feet from the floor, with a screen 18 inches wide and 30 inches high, erected vertically 18 inches from the ends of the bar or bars projecting 18 inches from a vertical wall with the clear space 30 inches above the bars.

There is also a tape stretched 3 inches above the bars.

The frame is made adjustable, on wall boards, so it can be lowered 2 feet 3 inches, to take the push-ups.

No. 594 Wall Parallel.....6.00



MANUOMETER

Or Grip Dynamometer.

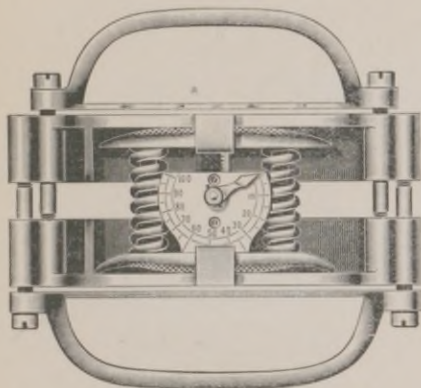
The Manuometer or Grip Dynamometer is used for testing the muscles of the hand and forearm. This form records correctly all pressure applied to it, and cannot be overstrained or made to record high by bringing all the pressure to bear on the centre.

The Graduation may be Metric or English.

It is held in the hand, dial towards the palm and top against the fingers.

No. 596 Manuometer.....10.00

No. 596-1 Push and Pull Attach....10.00



Push and Pull Attachment.

For making any kind of tests not exceeding 200 lbs. (100 kilos). The manometer may be also used as a scale or weighing device.

The above attachment shows the manometer in a device designed by Dr. D. A. Sargent for recording compression and extension. (Push and Pull). When the handles are drawn apart the tension is transmitted through the screws to the opposite plates that hold the manometer, compressing it; and when the handles are pressed together they press directly on the manometer. The manometer is loosely held between the plates so that it can be easily slipped out. The instrument arranged in this way is applicable for a chest compression and extension dynamometer.

By passing a strap through one handle and securing the other end to a board or the floor, back and leg tests can be made. By attaching the same strap to a hook overhead and letting the subject hang on the lower handle, clear of the floor, approximate weights may be obtained. Other uses will suggest themselves to examiners.



WET SPIROMETER.

No. 595 Wet Spirometer.....12.00

No. 595-1 Spirometer Shelf..... 2.00

No. 595 Wet Spirometer.

The Wet Spirometer is generally admitted to be the only device for measuring lung capacity that will continue to record accurately. There is no rubber reservoir to leak or harden and crack in two or three years; an air cylinder immersed in water never leaks or wears out. The air cylinder is sheet zinc, and as it is made on an arbor they are exactly the same size and capacity, and record accurately their cubic contents. This cylinder is carefully balanced by weights that run in the tubes at the sides. The side tubes are polished brass, and one of them is graduated to measure the height, and consequently the volume contained by the cylinder. One side of the tube is graduated to cubic inches, the other to cubic decimeters. The stopper at the left lets the air out of the cylinder for it to descend, and that at the right has been replaced by a valve to let the water out of the tank. All parts except the brass tubes are finished in aluminum. It has a capacity of 400 cubic inches or 6.5 cubic decimeters (litres).

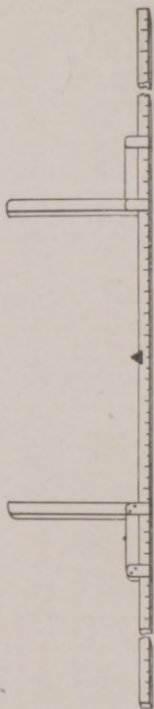
A convenient shelf is made for holding the spirometer when no other support is available.



Wood Mouth-Piece.

MOUTH-PIECES.

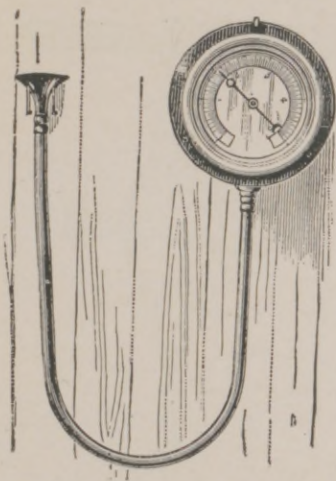
| | |
|--------------------------------------|------|
| No. 593-3 Rubber Mouth-Piece, ea.. | .75 |
| No. 595-4 Glass Mouth-Pieces, doz... | 1.00 |
| 595-6 Wood Mouth-Piece, 100..... | .60 |
| 595-6 Wood Mouth-Piece, 1000..... | 3.50 |
| No. 595-5 Extra Rubber Tubes, ea.. | .75 |



ASSYMETRY GAUGE.

This gauge was designed by Mr. Thomas Elkinton for measuring the assymetry of the spinal column. It consists of a graduated bar with an index in the centre of the two sliding arms that measure the distance from the centre.

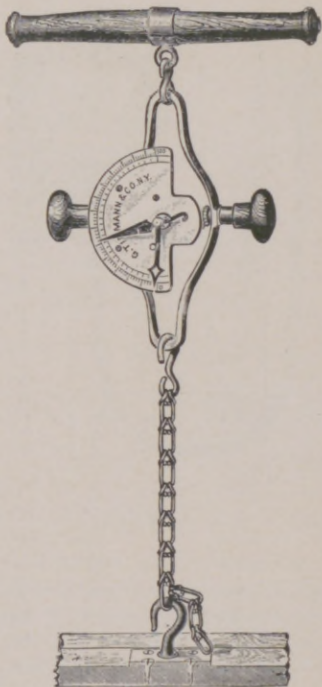
593-1. ASSYMETRY GAUGE (Elkinton) 8.00



MANOMETER.

The Manometer, or lung pressure gauge, is designed to record the maximum pressure exerted by the expiratory muscles. It may be graduated grammes per sq. centimeter. Capacity of 600 to 700 or lbs. per cubic inch.

No. 597. Manometer.....25.00



Back, Leg and Chest Dynamometer.
(Tieman).

The capacity is 1500 pounds or 700 kilos.
The dial may be graduated metric or English,
but not both on one dial.

Back, Leg and Chest Dynam'ter...50.00



DYNAMOMETER CHAIN AND
HANDLE.

Designed to meet the requirements of
the A. P. E. A. rules.

The chain is nickeled.

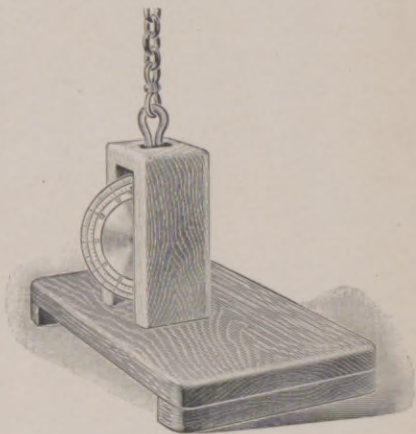
No. 598-2. Dyn'r Chain and Handle, 4.00

BACK AND LEG DYNAMOMETER.

(Upham).

Similar in form to one on the preceding page without the side knobs. Capacity 2000 pounds or 900 kilos.

Back and Leg Dynamometer.....44.00



DYNAMOMETER BASE.

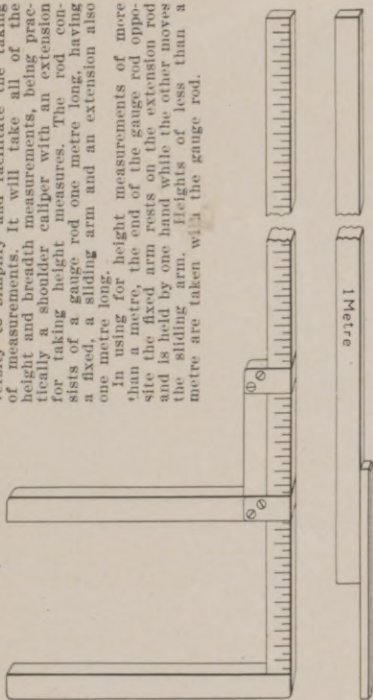
Used in connection with the Back and Leg Dynamometer, according to the recommendations of the A. P. B. A. committee on revision of physical examination, which requires a platform 20x12 inches, with a box to protect the Dynamometer 5x4 inches and 9 inches high.

No. 598-1 Dynamometer Base.....4.00

"SEAVER" MEASURING ROD.

Designed by Dr. J. W. Seaver of Yale University to simplify and facilitate the taking of measurements. It will take all of the height and breadth measurements, being practically a shoulder caliper with an extension for taking height measures. The rod consists of a gauge rod one metre long, having a fixed, a sliding arm and an extension also one metre long.

In using for height measurements of more than a metre, the end of the gauge rod opposite the fixed arm rests on the extension rod and is held by one hand while the other moves the sliding arm. Heights of less than a metre are taken with the gauge rod.



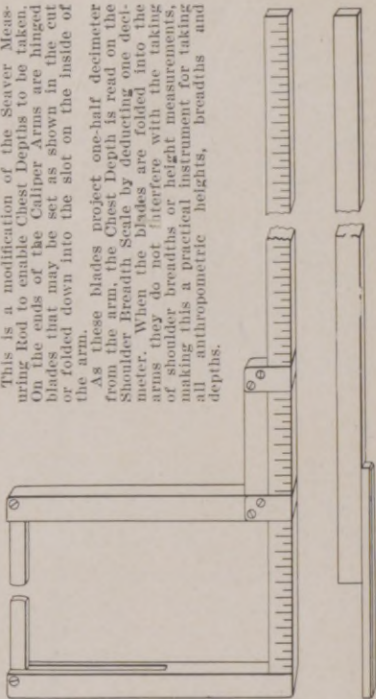
Graduated in Metric and English.

No. 599 Seaver Rod.....4.00

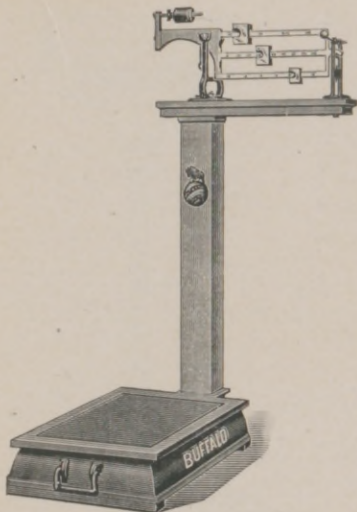
SEAVER ROD CALIPER.

This is a modification of the Seaver Measuring Rod to enable Chest Depths to be taken. On the ends of the Caliper Arms are hinged blades that may be set as shown in the cut or folded down into the slot on the inside of the arm.

As these blades project one-half decimeter from the arm, the Chest Depth is read on the Shoulder Breadth Scale by deducting one decimeter. When the blades are folded into the arms they do not interfere with the taking of shoulder breadths or height measurements, making this a practical instrument for taking all anthropometric heights, breadths and depths.



No. 599-1. Seaver Rod Caliper.....6.00

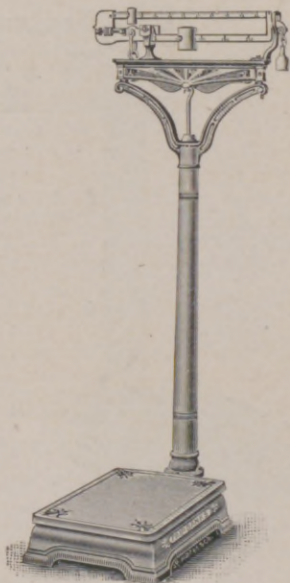


ANTHROPOMETRIC SCALE.

The scale shown above is made specially for Anthropometric work, and is very sensitive.

The platform side of the beams is graduated metric to 155 Kilos by 30-gram divisions, and the other side English to 310 pounds by tenths of a pound.

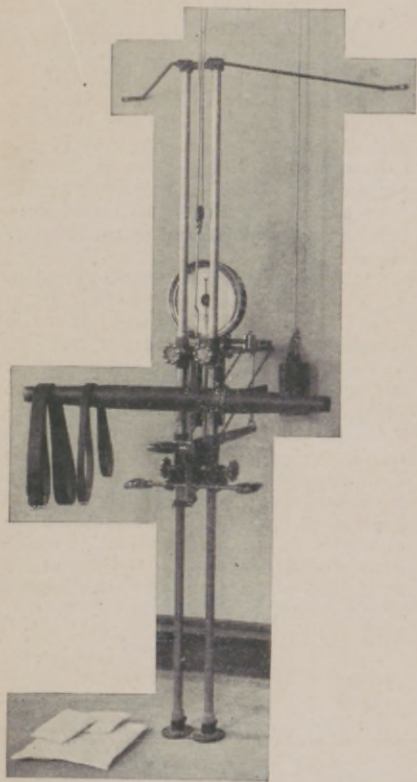
No. 590-B Anthropometric Scale, \$32.00



ANTHROPOMETRIC SCALE.

The platform side of the beams are graduated metric to 100 Kilos by 50-gram divisions, and the other side English to 200 pounds by tenths of a pound.

No. 590-F Anthropometric Scale....26.00



UNIVERSAL DYNAMOMETER.

DR. KELLOGG'S

UNIVERSAL DYNAMOMETER.

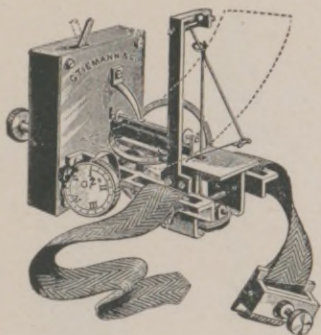
The cut on the opposite page illustrates the latest form of Dr. Kellogg's Universal Dynamometer, specially adapted to testing the strength of the individual groups of muscles in the human body. Every important group of muscles in the body can be tested with this instrument, numbering twenty-five, counting only one side.

This instrument furnishes the basis for a scientific study of muscular dynamics. By the aid of the percental charts which have been constructed from it, and which accompany the instrument, it is possible to make a graphic representation of the muscular capacity of an individual, such as cannot be obtained in any other way, thus furnishing accurate data upon which to base a prescription for exercise, the lack of which up to the present time, has been the greatest obstacle in the way of the scientific application of gymnastics to the correction of deviations from the normal standard of symmetry.

Capacity 1500 lbs.

A circular fully describing this instrument and its uses will be sent on application.

Universal Dynamometer 176 00



SPHYGMOGRAPH.

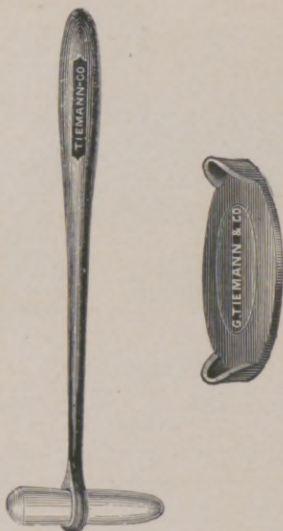
Dudgeon.

This is well known as an instrument for recording pulse vibrations and other peculiar curves.

It magnifies the movements of the artery fifty times and has a pressure spring regulating from one to five ounces.

Size $2\frac{1}{2}$ by 2 inches, weight 4 oz. In a neat pocket with box for record slips.

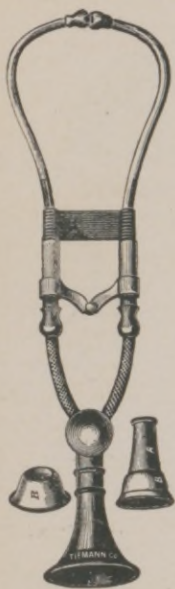
Sphygmograph (Dudgeon).....25.00



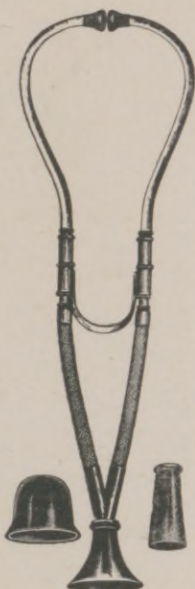
PRECUSSOR AND PLEXIMETER.

These were designed by Dr. Flint for use in sounding the chest, and consist of a rubber hammer with an elastic hard rubber handle and a shoe to be laid on the spot to be sounded.

| | |
|------------------|------|
| Percussor | 1.00 |
| Pleximeter | .35 |



TIEMAN.



FRYE.

CAMMAN'S STETHOSCOPE.

The above is a well-known form of stethoscope. It has two sizes of cones and a rubber flange for the smaller one. The connecting tubes are flexible so it can be folded to put in the pocket.

| | |
|-----------------------------------|---------------------------------|
| Stethoscope. Camman (Tieman)..... | 4.50 ^{6.00} |
| Stethoscope. Camman (Frye)..... | 2.50 |



PHONENDOSCOPE.

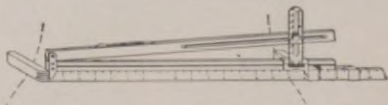
The object of this instrument is to render audible all sounds, whether natural or caused by morbid conditions of the human body; they can be heard with much greater intensity and within much more narrow limits than it has been possible with the ordinary Stethoscope. At the same time it conveys with great accuracy the nature of the sound.

The Phonendoscope is to sound what the microscope is to light—a magnifier

There are several degrees of sensitiveness obtained by different adjustments.

Phonendoscope in Metal Case.....3.75

A manual has been written by Prof. Aurelio Bianchi, one of the inventors of the phonendoscope called "The Phonendoscope and its Practical Applications," with 37 illustrations.

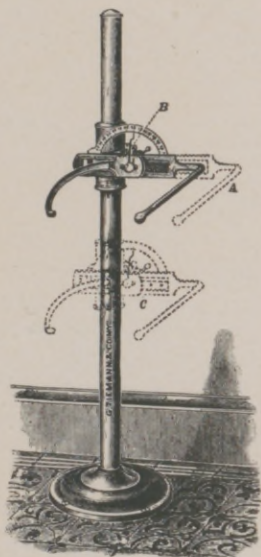


PELVIC LATERAL OBLIQUIMETER.

Dr. Jay W. Seaver.

This instrument is attached to a Seaver Measuring Rod or a Shoulder Caliper. The arms of the rod or caliper are pressed on the top of the iliac crests and the bar with the level raised until the bubble is in the centre. The inclination is then read on the scale.

No. 599-1. Seaver Obliquimeter....20.00



PELVIC OBLIQUIMETER.

An instrument for measuring the obliquity of the Pelvis, devised by Dr. Eliza M. Mosher. A circular will be sent on application.

Pelvic Obliquimeter Mosher, Net...62.50

ANTHROPOMETRIC OUTFIT.

List of apparatus recommended by the A. P. E. A. committee for colleges, secondary schools, Young Men's Christian Associations, etc.

| | |
|---------------------------------------|-----------|
| No. 591 Stadiometer | \$8.00 |
| No. 590-B Scale | 32.00 |
| No. 586 Tape and Spring..... | .75 |
| No. 593 Shoulder Breadth Caliper..... | 3.00 |
| No. 585 Chest Depth Caliper..... | 12.00 |
| No. 595 Wet Spirometer..... | 12.00 |
| Dynamometer for Back and Legs..... | 44.00 |
| No. 598-1 Dynamometer Base | 4.00 |
| No. 594-1 Wall Parallel | 6.00 |
| No. 583 Horizontal Bar | 7.50 |
| No. 596 Manuometer..... | 10.00 |
| <hr/> | |
| Total | \$ 139.25 |

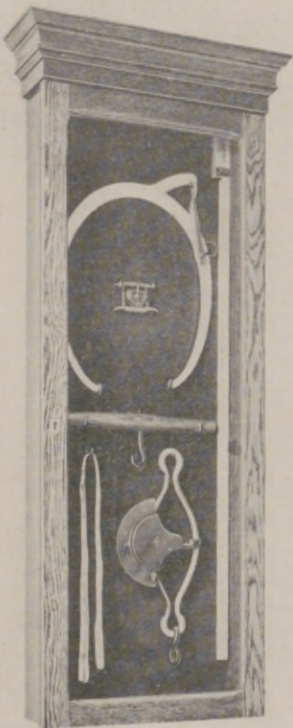
List of apparatus recommended by the A. P. E. A. committee for public schools.

| | |
|---------------------------------------|--------|
| No. 591 Stadiometer | \$8.00 |
| No. 590-B Scale | 32.00 |
| No. 586 Tape and Spring..... | .75 |
| No. 593 Shoulder Breadth Caliper..... | 3.00 |
| No. 585 Chest Depth Caliper..... | 12.00 |
| No. 595 Wet Spirometer | 12.00 |
| <hr/> | |
| Total | 67.75 |

ANTHROPOMETRIC CABINET.

Of oak, with glass front, arranged to hold a complete outfit, size 1¼x4 feet; provided with lock.

| | |
|-----------------------------------|-------|
| 590-1 Anthropometric Cabinet..... | 10.00 |
|-----------------------------------|-------|



ANTHROPOMETRIC CABINET.

30a.

SENSE TESTS.

For testing the eyes the following articles are required: 2 pairs of spectacles, one with convex glasses No. + .75 dioptric; and the other with concave glasses No. - .75 dioptric; a copy of Monoyer's test types and a copy of Green's astigmatic lines.

For testing color blindness a set of colored worsteds is necessary.

In testing for hearing an ordinary watch may be used. A tuning fork is also necessary.

The instructions for these tests were prepared by Dr. H. H. Seeley and published in the Anthropometric Manual of Amherst College. Dr. Seaver's "Anthropometry" also contains detailed instructions for testing eyes and ears.

| | |
|-------------------------------|------|
| Test Type, Monoyer..... | .75 |
| Astigmatic Lines (Green)..... | .50 |
| Tuning Fork | 1.75 |
| Set of Test Worsteds..... | 4.00 |

For convenience of examiners we have had made a pocket rubber case containing the two spectacles used (+.75 and -.75) and a pair having plain glass; all fold into the handle like the blades of a pocket knife, thus making a convenient device to carry and protecting the glass.

| | |
|-------------------------------|------|
| Spectacles, set of three..... | 5.00 |
|-------------------------------|------|

p. 31-34 missing

Medical Apparatus.

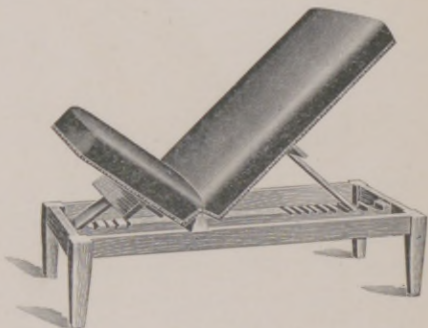
For several years we have made to order for Physicians, Masseurs and others, Plinths, Massage Tables, Booms, Rid-stools, etc. We list herewith such of these as have been found generally useful.

We have drawings of and are prepared to make the apparatus used by Dr. Anders Wide, and shown in his hand book.

If a device is wanted that is not here illustrated, write us; we may be able to supply information regarding it.

NARRAGANSETT MACHINE CO.,

Providence, R. I.



MASSAGE PLINTH.

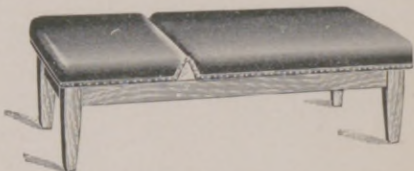
For Massage Treatment, Etc.

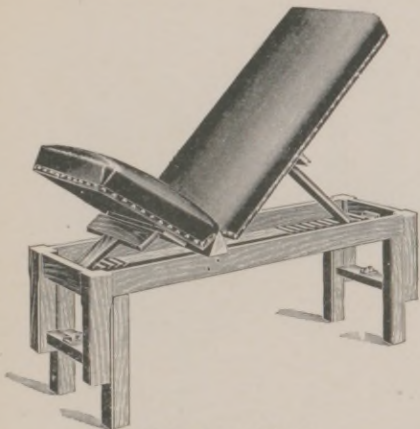
No. 1962. Leather Covered.....45.00

The upholstery is deep and firm. It may be covered with plush or corduroy as desired, or for special work with leather or painted canvas. The frame is oak, well finished. Both ends are adjustable.

No. 1962. Massage Plinth.....40.00

23x60 in.; 18 in. high.

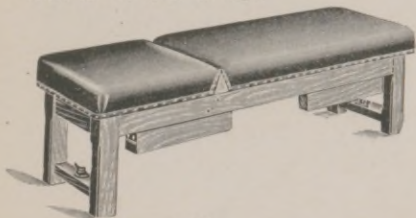


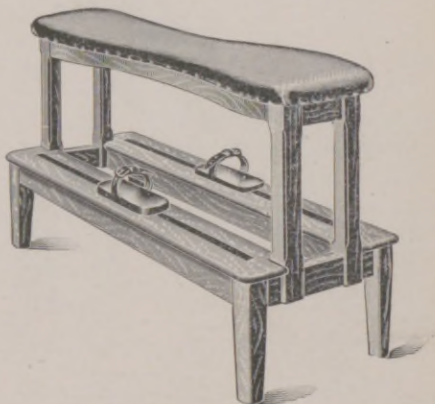


MASSAGE PLINTH.
Adjustable for Height.

This is a modification of No. 1962 Plinth; a second or auxiliary set of legs to change the height being provided. The upholstery materials, etc., are the same as for No. 1962.

- No. 1963. Massage Plinth, Adj.....50.00
 No. 1693. Leather Covered.....55.00
 18x60 in.—13 or 19 in. high.



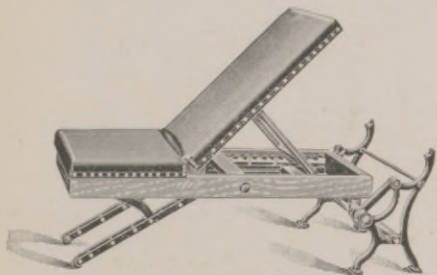


GYMNASIUM PLINTH.

Made exactly in form and dimensions to the plinths used in Sweden. The top is padded and canvas covered. Leather, Corduroy or Plush will be furnished if desired. The top may be hinged if wanted for office practice. The foot rests slide on sides. Made of oak, it is a fine and substantial piece of apparatus. Packed Wt., 120 pounds.

| | |
|--------------------------------|-------|
| No. 1960. Gymnasium Plinth | 35.00 |
| No. 1960. Leather Covered..... | 40.00 |

13½x60 in.—14 and 34 in. high.



MASSAGE PLINTH.

This Plinth is adjustable for height and has the back adjustable at any angle. The legs fold into the body and the body can be tipped up, so that it stands on end, resting on the iron head frame out of the way. It is substantial, made with a frame of oak and iron legs and head frame. The upholstery may be Plush, Corduroy or any desired material.

No. 1964. Folding Plinth.....50.00

No. 1964. Leather Covered.....55.00

18x52 in.—18 and 30 in. high.



HOME OR OFFICE APPARATUS.

The outfit shown on the three following pages is patterned after those made in Sweden for Home and Office use. It comprises adjustable Stall Bars, Boom with padded back rest and a Bench. The posts are oak; stall bars, maple; boom, pine; and bench, white wood.

The posts are 7 ft. 10 in. **high**, and the width over all, 3 ft. 3 in. **on the regular size**. Other sizes made to order at full list price.

For Medical Gymnasts, Masseurs and all practicing Swedish Medical Gymnastics, it is a complete outfit at a low price.

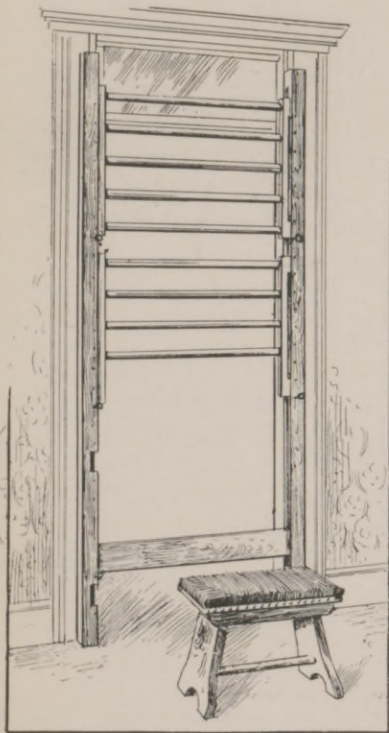
It is easily set up and can be arranged to be taken entirely down by loosening four hand screws.

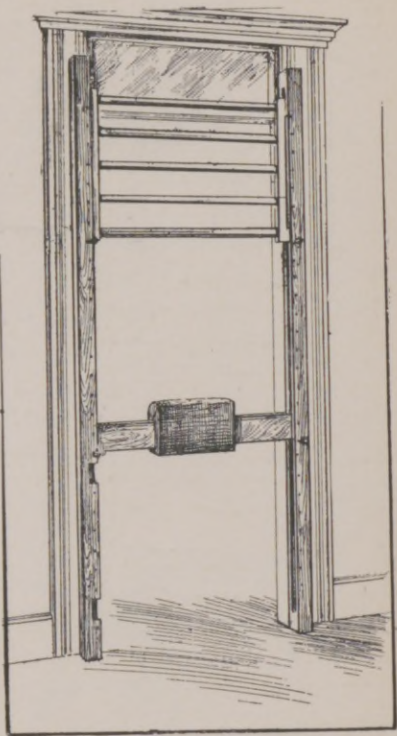
It can also be made to stand independent of the doorway by making the posts to reach from floor to ceiling.

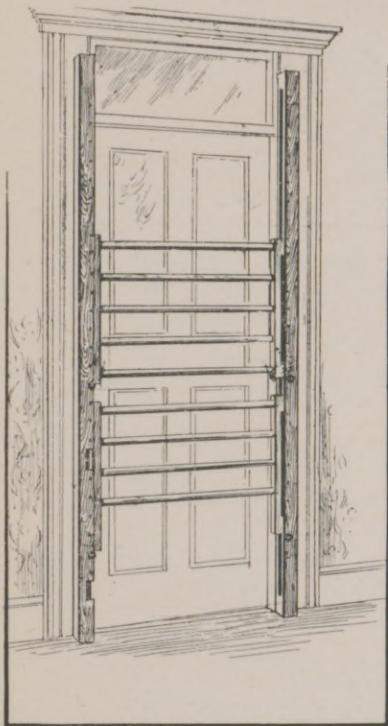
The "Extra" style 919-1 has posts of quartered oak and a leather covered padded bench.

No. 919. Swedish Outfit.....25.00

No. 919-1. Sw. Outfit, Quar. Oak....35.00







APPARATUS

For Medical Gymnastics.

As described in the Hand Book of Medical and Orthopedic Gymnastics. By Anders Wide, M. D. 1902 Edition.

| | |
|---|-------|
| No. 1974-1 High Plinth, No. 1 (No. 1960) | |
| (a) | 35.00 |
| No. 1974-2 High Plinth, No. 2 (No. 1960) | |
| (b). | |
| No. 1974-3 High Plinth, No. 3 (No. 1960) | |
| (c). | |
| No. 1974-4 Low Plinth (d)..... | 60.00 |
| No. 1974-4 Low Plinth. No arms..... | 48.00 |
| No. 1974-5 Boom, Padded Bar (e)..... | 20.00 |
| No. 1974-6 Trapeze (Heave Plank (f)).... | 3.50 |
| No. 1974-7 Rib Stool or Stall Bars (No. 920) (g)..... | 8.00 |
| No. 1974-8 Peg Post (h)..... | 12.00 |
| No. 1974-9 Poles (Breast Bars) (No. 340) | |
| (i) | 6.00 |
| No. 1974-10 Ropes, (No. 551) (—)..... | 5.00 |
| No. 1974-11 Table, Padded Top (k)..... | 10.00 |
| No. 1974-12 Stools, Upholstered (l)..... | 10.00 |
| No. 1974-13 Foot Stool (Bench) No. 927) | |
| (m) | 2.50 |
| No. 1974-14 Forward Drawing Rope (n).. | 3.00 |
| No. 1974-15 Rods (Wands) 3 (No. 1205) | |
| (o) | 1.00 |
| No. 1974-16 Cushion, Padded (p)..... | 4.00 |

Nos. in parenthesis refer to apparatus in our Gymnasium Catalogue F, which will be sent on application.

Letters in parenthesis refer to letters in Dr. Wide's book, pages 12 to 15, 1902 edition. Published by Funk & Wagnalls, New York.

IN ORDERING.

In ordering instruments advise if the Metric or English Graduation is required. In some cases both may be had on the same instrument; but it is generally confusing and better to have one only.

TERMS.

Terms of payment to parties known to us, or of established credit, are 30 days, and unless otherwise arranged for prompt payments are expected.

To parties not known to us, goods will be sent C. O. D., provided a remittance sufficient to cover twice the express charge accompanies the order. The expense of collection charged by the express company must be paid by the purchaser in all cases.

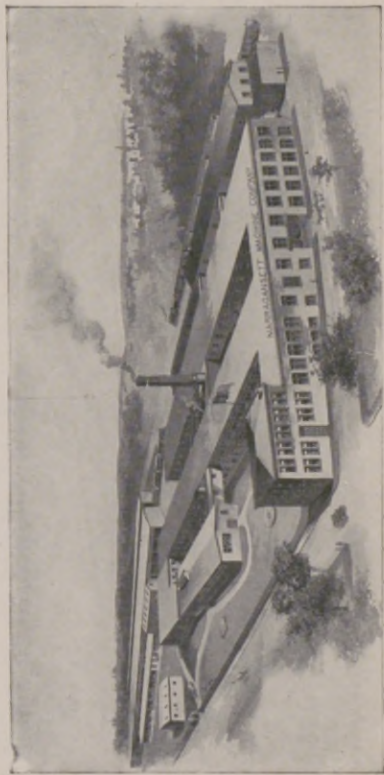
To send the money with the order and have the goods shipped by freight is by far the cheapest way as it saves collection charges. Money sent by cheque, Post Office money order, or registered letter will be sure to reach us.

SHIPPING.

All goods are shipped F. O. B. (free on board) cars or boat in Providence. Small packages of 100 lbs. or less will be sent by express, at our discretion, unless otherwise ordered.

DIRECTIONS.

Please give directions for marking and forwarding goods fully and distinctly. Designate what route to ship, if any one in particular is desired. In all instances where no instructions are given as to forwarding, goods will be sent by the safest, cheapest and most expeditious route.



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PAWTUCKET, R. I

Floor Area 80,000 Feet.

Shed Area 30,000 Feet.

The illustration of our factory on the opposite page conveys an idea of our splendid facilities for the manufacture of Gymnastic Apparatus. A complete Wood Working Plant with dry kilns and nearly an acre of sheds for the storage of lumber insures prompt work, and an ample stock of well seasoned and dried wood to work from. Tracks from the main line of the N. Y., N. H. & H. R. Co., enter our yard and pass between the sheds and buildings, enabling us to load cars directly from our store rooms or unload into the lumber sheds or dry kilns, thus handling material with economy and dispatch. A large and fully equipped Machine Shop enables us to do the best of machine work, such as Standard Gymnastic apparatus is famous for, and Turning, Mattress and Japanning Shops complete a combination of facilities not to be found elsewhere. Directors of Gymnasiums and others specially interested in Gymnastic apparatus are invited to call and see us. We are easily reached from either Providence or Pawtucket, via the Main Street Car line. Our Library of Gymnastic Books is at the service of Directors; our show room contains the latest apparatus and in our drafting room may be seen the plans of nearly every gymnasium that has been equipped during the last 20 years. If you are in this vicinity give us a call.

Yours respectfully,

NARRAGANSETT MACHINE COMPANY.

Post Office Address, Providence, R. I.

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GYMNASIUM OUTFITTERS



Gymnastic
Apparatus

Playground
Apparatus

Bowling Alleys

Lockers

Anthropometric Apparatus

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