

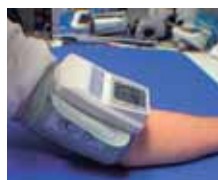
DIAGNOSTIC AND MEDICAL EQUIPMENT

DIRECTORY



Our 30th Anniversary

Issue 2007-2008



GUIDE TO PRODUCT INFORMATION

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Under the Phone Reference Directory

This new directory has been specially designed for the busy healthcare professional to read anywhere and yet to keep it handy under the phone for quick reference.

30 Years of Experience and Knowledge

Mr Tony Pearson, the Managing Director, was educated in UK and is the President of Sci-Med WA, a member of The Institute of Incorporated Engineers, a member of The Association of Supervisory and Executive Engineers and a member of The Institute of Diagnostic Engineers.



He formed **Diagnostic Instruments Pty Ltd** in 1977 which imports sophisticated medical electronic systems for hospitals, universities, and State Governments as well as large medical practices. **Personal Health Products** is a division of **Diagnostic Instruments Pty Ltd** formed to meet the demand from the general public for special health products.

Because of his insistence on the high quality of everything he sells, he has a highly respected reputation in the medical industry across Australia.

Warranty & Maintenance Service

All our products have our own one year warranty, serviced by our own Electronics Service Department which also does after warranty repairs, service and calibration.



We quickly clean, rebuild and calibrate all types and models of Sphygmomanometers. Do your instruments require a service?

Please call (08) 9470 5677 or fax (08) 9470 5589.

Heine & Riester Instruments

Heine & Riester have the reputation worldwide as the best of the best when it comes to diagnostic instruments. These instruments are manufactured in Germany to the excellence and precision Germany is famous for, and designed ergonomically for a lifetime of high pressure use.

Heine Ophthalmoscope & Otoscopes CAT# 353

Heine produce a range of excellent Otoscope and Ophthalmoscopes combined into sets or on their own.



The popular mini 2000 Pocket Series is available in green or blue. The clip switch ensures the instrument is switched off when returned to the Pocket. A swivel lens on the Otoscope gives a x3 magnification. The Ophthalmoscope has four different apertures large spot, small spot, hemi spot and red free factor.

Heine Mini 2000 Dermatoscope CAT# 352

This 10x low cost magnifier is used with a special Heine oil and focuses 1mm under the skin for the best view of suspected Melanomas.



Comes with an illustrated book. Fits onto the 2000 series handle above.

Riester Big Ben Sphygmomanometer CAT# 378



The famous Riester Big Ben aneroid sphygmomanometer can be obtained as a desk model, on a mobile stand, or as a wall model in a round or square display. The desk model has a container for the cuff, tubing and pump behind the gauge. This very accurate sphygmomanometer is also used in industry for calibration of other devices.

SPO Model 5500 Finger Pulse Oximeter

Runs for 1000 hours per battery

CAT# 372

Low cost.

Very useful in Surgeries, Clinics, for transporting patients, bedside visits, small operations, or patients on oxygen at home.



SPECIFICATIONS

Oxygen Saturation Range

40-99%

Accuracy $\pm 70-100\% = 2\%$ (1S.D.)

Pulse Rate Range

40-250 BPM

Accuracy $\pm 3\% = 1$ digit

Displays

Has a light for night viewing

Digital LCD for SpO₂ and pulse rate.

Power Supply

One 1/2 AA lithion cell

Battery Life

Approximately 1000 hours continuous

Dimensions

75mm l x 35mm w x 40mm h

Heine & Riester Kits

CAT# 355 & CAT# 343



We have both the Heine & Riester Diagnostic Kits available. These German made instruments have proved very popular. We keep both types in stock, and supply accessories. We also repair and clean these instruments.

New electronic and manual monitors that are calibrated by us for accuracy

Aneroid Manual Blood Pressure Monitors CAT# 375



A reliable, robust unit, the Aneroid (CAT# 375) is a low cost monitor with a stethoscope attached to the cuff.

Also available is the (CAT# 380) model without the internal stethoscope.

Heine 'GAMMA' Aneroid Sphygmomanometer CAT# 386



The low cost elegant compact Heine 'GAMMA 5' Aneroid Sphygmomanometer is carefully designed with an ergonomic precision valve for easy control, a long two in one tube system for easy handling, and a large 60mm dial for easier viewing.

The 'GAMMA 5' is housed in a tough quality zipped bag.

Mercury Desktop Sphygmomanometer CAT# 385



The CAT# 385 is a **quality, low cost**, desktop model. Built in a sturdy die-cast alloy case, it features a liquid proof velcro cuff, a large deluxe control valve, an in-built fail-safe stoplock device that prevents mercury leakage during transport, and a clearly defined 0-300mm Hg mercury column and a zipper case with handles for transport.

PLEASE NOTE

All our blood pressure units (electronic and mechanical) are calibrated by us to $\pm 3\text{mmHg}$ with our special NATA traceable mercury column. All of these excellent instruments also have our own one year warranty serviced by us. All electronic instruments have batteries.

Model RT- 501 CAT# 388



This monitor is perfect for travellers. It packs away into its 17cm x 9cm x 5cm zip case. Ideal in a medical bag too. It can be used directly on the arm by plugging it into a special connection on the cuff.

By using the extension tube supplied, it can also be used like a conventional monitor by placing it on a table in front of you. (Please see photos.)

The RT-501 has large buttons, numbers and an angled display that makes it easy to read.

It is fully automatic and can record two people's blood pressure reading in two separate memories with up to 30 readings in each, and displays time and date for each reading.

It is powered by four AAA batteries (included) which give approx. 150 readings.

The Omron M3 CAT# 395



The 'M3' is a manual pump-up unit, but it deflates automatically to give you the systolic (high pressure), diastolic (low pressure), and pulse rate, and also has a memory bank of the last 21 readings.

The Omron SEM-2 CAT# 402



- Automatic inflation
- Compact design
- 60 memories with date and time
- Can also be powered with an optional mains power pack
- Displays average of last 3 readings

Omron IA2 CAT# 403
Automatic Blood Pressure Monitor



- It has the following features:
- Large easy to read display of blood pressure, pulse, time and date.
 - Irregular pulse indicator, indicates when your pulse is irregular and may affect the reading.
 - Movement error indicator – as your movement may affect the accuracy of the reading
 - Averages the last three readings.
 - Stores up to 90 of your last readings in memory.
 - Comes with a soft storage bag with handle.
 - Its 'intellisense' system listens to your artery and only pumps up to the minimum pressure required to take an accurate reading.
 - Fast, quiet operation.
 - Has a soft cuff, small to medium size to fit arm circumference 220–320mm.
 - Four AA batteries and manual included. Optional power pack available.
 - Size 155mm x 131mm. Weight 680g with batteries

Omron IA1 CAT# 404



This monitor has all the features of IA2 on the left but has a smaller arm cuff size of 170–320mm circumference and a larger screen.

Omron IA1B CAT# 405
Automatic Blood Pressure Monitor



This monitor has all the excellent features of the Model IA2 on the left, but also has a large spring wrap assisted cuff to fit larger arm circumferences 220–420mm.

Omron IW1 CAT# 428
Wrist Cuff Blood Pressure Monitor



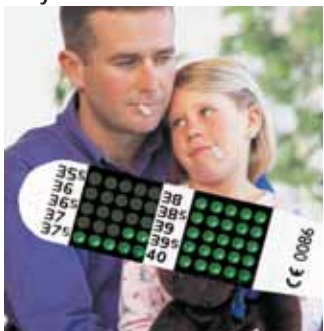
This very small wrist monitor has all the features of the IA2 on the left, except it is powered by 2 AAA batteries. It can detect irregular heartbeats and display averages of the last three readings.

Its wrist cuff size accommodates wrist sizes 135–215mm and comes in a hard plastic case.

NB: Please note that wrist monitors although accurate do not necessarily give the same result as arm cuff units due to the fact they monitor further away from the heart.

NexTemp® Thermometers

Very low cost. Accurate to 0.1°C



Two choices available

1 Disposable CAT# 442



Comes in a sealed strip 100 to a box. Ideal for infection control.

2 Reusable CAT# 441



This is a credit card shaped storage device. The thermometer is inserted into a pocket (top right) for storage.

The patient's name is written on the name plate, and this card remains at the patient's bedside. This thermometer can be used repeatedly for up to 5 years.

TraxIt® CAT# 444

The first wearable axillary thermometer.

Just lift the arm for an instant temperature



To Read: Last black dot shows 37.2°C
Ideal for babies, or difficult adult patients where taking a temperature is a problem

- Wide temperature range 35.0°C to 41.9°C
- Accurate to 0.1°C. Available anytime
- Store under normal room temperature conditions

ACCU-CHEK® Go

Blood Glucose Meter CAT# 473
For virtually pain-free testing!



ADVANTAGES:

- A tiny drop of blood
- A 300 test memory
- Easy to handle test strip
- Accurate
- Auto start
- 3 alarm settings
- 7, 14, 21 and 30 days average display

SOFTCLIX® II CAT# 475

Lancing Device

Unique, advanced design for greater comfort.

- 11 adjustable depths
- "Non-stick" silicone lancet coating.

The Accutrend GC CAT# 472

A Glucose and Cholesterol Monitor

Low cost, small and accurate.



THE ACCUTREND GC has all the benefits of the ACCU-CHEK meter with the additional feature of Cholesterol testing. Using Accutrend Cholesterol strips a result is given in just three minutes! The Accutrend GC has a test memory of 20 Cholesterol and 50 Glucose results with time and date for added convenience. If you want the flexibility to monitor both Glucose and Cholesterol, the meter for you is the Accutrend GC.

Nurse Stethoscope CAT# 565

These lightweight modern Nurse stethoscopes feature adjustable binaural for comfort and one piece moulded PVC tubing for good sound transmission. Ideal for pulse and blood pressure measurements.

Littman Type Stethoscope

CAT# 570



The ideal professional dual-head stethoscope with the chest piece, binaural and diaphragm retaining ring. Acoustically precise and a non-chill ring on the chest piece for patient comfort. Not made by 3M.

Sprague Rappaport Type Stethoscope

CAT# 575



The most versatile of all; Sprague Rappaport Type is five scopes in one. Heavyweight rotatable head helps reduce extraneous room noises and dual tubes help subtle sounds to be heard. It is also valuable for teaching purposes.

Littman Classic II CAT# 580

Exceptional features like the floating diaphragm, non-chill rim, comfortable Littman soft-sealing eartips and rugged double-leaf binaural spring explain why this is the stethoscope preferred by healthcare professionals around the world.

Cardiology II also available.

Cardiocare CAT# 585

Independent tests show Cardiocare to be better than the Classic II although Cardiocare is less expensive.



Cardiocare comes with soft and hard ear pieces and also has optional cartoon diaphragms for child patients and to help identify owner's stethoscope.

Colours: dark green, blue, brown, grey, black and light green.

Supertone De-luxe Electronic Stethoscope

CAT# 590



This stethoscope is made for those who require the best. It has simple press on and off buttons for power and high/low frequency selection, so there is no danger of wasting the battery. All electronics, volume control etc. are in the chest piece head, making it almost the same size as a normal stethoscope 47mm x 31mm (120g).

Ultrasonic pen size Dopplers ES-101EX Fetal Doppler (1 MHz)

CAT# 603

- Convenient pocket size
 - Built-in transducer provides clear signals to the enclosed speaker
 - Freeze display facility
 - Battery operated – 5 hour life
 - Easy to read fetal heart rate display
- It has a convenient carry pouch which can be easily attached to a belt loop or simply slip the unit into a pocket.



Pen size Vascular Dopplers ES-101EX (8 MHz)

CAT# 604



Ideal for quick ward rounds or in clinic examinations

Applications

- Artery location
- Blood pressure studies
- Determination and display of heart rate
- Periphery vascular procedures
- Velocity studies

Display indicates

- Velocity motion
- Peak velocity
- Heart rate

Volume/Mode button

- Adjusts sound volume or changes mode

Power/Freeze button

- Turns on/off or freezes data
- Automatic shut off with no signal
- Output – headset or speaker

Dimensions

- 44 mm (W) x 138 mm (D) x 30 mm (H)
- Weight approx 150 gm (including batteries)

The Hadeco Minidop ES-100VX Pocket Doppler

CAT# 610



This is a low cost, highly sensitive Doppler used for fetal and vascular diagnosis.

There is a large choice of probes including a waterproof fetal probe.

The Hadeco Model Bi-Dop ES-100V3 CAT# 615

Bi-Directional Doppler with LCD

- Displays real time waveforms, direction, heart rate & numerical data
- Fully Auto-Gain-Control
- 30 waveform display screen memories
- **Optional:** RS-232C Computer Interface downloads waveforms and numerical data to a computer for future references
- **Optional:** Small sized PPG probe expands arterial & venous testing



Clinical Application

- Peripheral vascular procedures
- Venous compressions
- Fetal heart rate
- Blood pressure segmental studies
- Penile & Digit systolic pressures
- Flow detection in recovery room

Recording Dopplers

ES-1000 SP11 and ES-1000 SPM
CAT# 620 and CAT# 625



Low cost hand held recording Dopplers with integrated speaker and printer. Can be used as a Pneumoplethysmograph and as a Photoplethysmograph. Large range of probes to choose from.

Dimensions: 75mm x 280mm x 65mm.

Weight: 610g.

Smartdop 45 Bi-Directional Doppler with fast printer

CAT# 661



Prints high resolution waveforms plus patient and numerical data

- Hand held bi-directional printing doppler
- Fully auto-gain-control
- Various mode settings
- 30 waveform memory
- USB computer interface
- Optional PPG & PV probes
- PC Keyboard connectable (PS-2)

'SmartDop' Model 30 CAT# 630



Documents bi-directional velocity profiles and dual separate channels. Ideal for Doppler blood pressure studies as used in bi-directional lower extremity diagnosis - peripheral vascular procedures, blood pressure segmental studies, A.B.I.'s venous compressions and outflow studies. PPG and Pneumo Probe options available.

Height Measure CAT# 115

This little low cost height measure can be stuck on by a 3 cm sticky patch or screwed onto any wall (patch and screws supplied).

Just measure 2 metres up the wall, fix it, then with the patient underneath it, just pull the lower section with the coiled tape down onto the patients head.



The patients height can then be accurately read out through the little window on the front.

This height meter will stay where placed so self measurements can also be done.

When no longer required it can simply be pushed back up to the 2 metre mark out of the way.

Dimensions

(closed):

H: 11.5cm

L: 15cm

W: 35cm

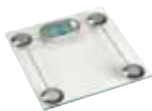
Weight:130grams



Body Fat and Weight Scales

Model 3200 The 200 ku weight scale CAT# 499

- 1" LCD numerals
- **200 ku** capacity
Increments of 0.1 ku graduation
- Tempered glass platform
- Concealed toe-tap switch
- Auto zero and auto off
- Low cost



How body fat scales work

Accuracy

The Tanita Body Fat Monitors have been tested by many research organisations and universities (including Columbia University in New York). The test results correlate closely with Hydrostatic Weighing and Dual Energy X-ray Absorptiometry (DEXA) measurements - Papers available.

Tanita's patented "foot-pad" design sends a slow, safe electrical signal through the body to measure its composition.



Proport 3015 Weight, Body fat, and % water scale CAT# 496



Features

- Adult athlete and child modes
- Memory settings for 12 people
- **150 ku** capacity
- 0.1 ku weight increments
- 0.1 % body fat increments
- 0.1 % water increments
- Auto zero / auto turnoff
- Kilo / pound / stone switch
- Weight only function
- Guest mode feature
- Low cost

Tanita UM070 body fat monitor CAT# 508

Features

- **150 ku** weight capacity
- 4 preset buttons
- Toe tap switch on
- 0.1 ku weight increments
- 0.1 % body fat increments
- Auto zero / auto turnoff
- Kilo / pound / stone switch
- Weight only button
- Recall feature
- Healthy range indicator



Oregon Scientific Model GR101 CAT# 513

CAT# 513

Body fat %, water % and BMI with remote display



This top of the line model can be used by sedentary adults, athletes and children. Stores 30 readings.

It measures body fat in 0.1% increments, weight in 0.1 ku increments, up to **150 ku** and has a separate monitor for counter top or wall monitor mounting for easier viewing

Tanita BC 541 weight %, body fat, visceral fat, % water, metabolic rate, muscle mass, and bone mass CAT# 518

Features

- Adult, child and athlete mode
- 4 preset buttons
- **150 ku** capacity
- 0.1 ku weight increments
- 0.1 % body fat increments
- Guest mode
- Weight only function
- Healthy range indicator
- Measures total body water percentage



A top of the range monitor for sports, clinics, hospitals and home use.

'MEDSCOPE-TENS' Pain Management System CAT# 670

MEDSCOPE TENS - A major step in pain management devices, known as Transcutaneous Electrical Nerve Stimulators (TENS) have become widely accepted by doctors, dentists and physiotherapists to help block and thus help to control some forms of pain with the least side effects.

'MEDSCOPE-TENS' comes with two packs of four electrodes and a chart showing where to place electrodes for some common complaints.



'MEDSCOPE TENS' is a four electrode, two channel unit and has broad applications for acute and chronic pain.

This is a low cost system with all functions of much more expensive units and is supplied by us to many other medical companies, hospitals, etc.

Obstetric TENS CAT# 680



This is a dual channel system used for Pain Management during the birthing process.

It is used on demand to relieve pain during contraction periods.

It has a hand Intensity Boost control (bottom right of picture) to reinforce the hormone effect with a strong Pain Gating Effect. Generally two pairs of self adhesive electrodes are used, which are positioned over both Sacro-iliac joints and over the Elector Spinali muscles at the Lumbar-Thoracic level. Ideally used during pregnancy when Pain Management drugs are contra indicated

MICROACE CAT# 683



The MicroAce provides long term pain relief. It regenerates damaged tissue and accelerates healing for sufferers of back pain, arthritis, muscular pain, sports injuries, joint pain and sciatica. Through micro-current stimulation at special frequencies, MicroAce increases the production of Adenosine Triphosphate (ATP) which aids in the accelerated healing of tissue and promotes an increase in nutrients and oxygenated blood to the damaged cells.

MicroAce has 3 pre-programmed phases of treatment, making it a user friendly device for the clinic, hospital and home user.

Treatment surveys have shown more than 80% of Osteoarthritis and Rheumatoid Arthritis sufferers report increased mobility, reduced swelling, pain relief and improved quality of sleep. Many have reported that they no longer require the use of drugs.

Recommended by Physiotherapists, Doctors, Osteopaths and elite athletes around the world.



The MicroAce kit comprises an instruction manual, video tape, two 9V batteries, leads and a pack of 4 electrode pads. The device carries a 12 month warranty.

MicroAce is NHS, CE & TGA approved.

'PainBan' Model X4000 CAT# 300

This remarkable new system from the U.K. helps to remove pain simply by applying the active head direct to the area of pain.



In the first week of launch in the UK, over 2,000 products were sold direct to consumers and since then the demand has been phenomenal. Already, the unit is being sold in over 30 countries across Europe.

As well as being the perfect companion for anyone who suffers from acute or chronically painful conditions of almost any kind, PainBan's X4000 can also help to reduce drug intake for those that have to endure the discomfort of continual pain.

The same specification unit is now being used by specialist GPs, pain clinics, geriatric carers and hospitals - as well as in nursing homes.

The system the device employs is 'Pulsed Magnetic Field Therapy and Bioelectromagnetism'. As well as 'bringing more oxygenated blood to the pain site' the device also encourages the release of endorphins and enkephalins into the blood stream. This reduces or eliminates the pain. It has also been shown to help accelerate wound healing.

The PainBan is effective through clothing and medical dressings, which has proved a boon to the elderly.

The PainBan X4000 therapeutic beam penetrates all body tissues at least 6cms and the method of application gives a lateral spread of at least 9cms.



A low cost electronic acupuncture point finder and stimulator "SEARCH & STIM" CAT# 685

IDEAL FOR FINDING ACUPUNCTURE POINTS FOR PLACEMENT OF ELECTRODES FOR TENS OR MUSCLE STIMULATION.

OPERATION

When switched on, the "SEARCH & STIM" creates an audible beeping sound which increases in frequency over an acupuncture point.

When the stimulator button is pressed the audio sound stops and a green LED light pulses to show stimulation is in progress.

The 25 page spiral bound manual supplied shows the acupuncture points for many common ailments.

Two lithium batteries are provided and should last for 800-15 second cycles.

Like all our products this unit has our one year warranty.



The "SEARCH & STIM" has the following controls:

- On/off
- Timer - 15 seconds or 30 seconds or manual
- Intensity control - (variable 10V to 80V)
- The stimulation pulse rate is 15Hz
- Size: 17cm L x 3.5cm W x 1.25cm Thick. Weight: 466g



Disposable electrodes & accessories from UNI-PATCH, U.S.A.

We import the following Uni-Patch disposable electrodes. Uni-Patch manufacture over 70 different types of disposable electrodes, so if what you want is not on this list please ask us and we will be happy to keep in stock any special electrodes you will be continuously using.

UNLESS OTHERWISE STATED ALL ELECTRODES:

- Are sold in packs of four.
- May be used many times, usually up to 3 weeks.



617S "Free Form Silver"

Medium rectangle - same as for 605S and 615S.
Size: 89mm x 50mm

617S CAT# 770



624 "Reflex Tantone" -

As per 623 electrode but size of electrode conductive strip is 21mm x 50mm.
Size: overall 50mm x 50mm

624 CAT# 780



626S "Encore Plus Silver"

This small (32mm Dia.) electrode is idea for areas where a larger electrode would be a problem:- on the foot, neck, hands, face etc. This electrode is very effective in high heat and humidity and has a highly conductive silver layer which provides a uniform current dispersion.

626S CAT# 790



633/40 "Multi Day"

A low cost flesh coloured breathable cloth type electrode. It comes in packs of 40. The conductive electrode is in the centre and measures 25mm x 25mm.
A convex raised hump (4mm thick) in the centre provides for a pin connection. May be worn continuously for 2-5 days. Size: 63mm x 55mm.

633/40 CAT# 795



654 "Re-Ply"

A flesh coloured, low profile electrode. This is our most popular TENS electrode. The whole 50mm x 50mm area conducts and has a pig tail connector.
Size: 50mm x 50mm

654 CAT# 810



658 "Re-Ply"

As for the 654 above but twice the length. Ideal for backs or for labour pain etc.
Size: 50mm x 100mm

658 CAT# 812



696S CAT# 815

696S "Encore Silver"

This electrode has a super skin friendly thick adhesive gel. Conforms better - very comfortable. Has a pig tail connector. Very good on sensitive skins. This electrode has a highly conductive silver layer which provides a uniform current dispersion.

Size: 50mm x 50mm



697S CAT# 820

697S "Encore Silver" -

as per the 696S electrode. Ideal for use on backs or for labour pain etc.

Size: 89mm x 38mm



699 CAT# 825

699 "Softy" -

A very low cost, soft, white foam electrode with a connection hole in the raised section in the middle. Actual conducting electrode measures 20mm x 20mm. This electrode comes in packs of 40.

Size: 40mm x 40mm



7500 CAT# 830

7500 Electrode

This is an ideal electrode for the EMG systems such as manufactured by Thought Technology Inc. This has 3 small silver/silver chloride electrodes with snap connector imbedded in pre-gelled white foam construction - one use only. Comes in packs of 100

Size: 20mm between electrodes and 57mm dia.



7505 CAT# 835

7505 Electrode

This electrode comes in strips of three silver/silver chloride electrodes in a row in a soft white pre-gelled white foam strip. Each one can be easily separated if required. 100 strips of 3 per strip.

Size of 3 in a row: 8cm x 2.5cm



CAT# 840

"Pro-TENS"

Adhesive patches come in packs of 20 and are paper thin, sticky on one side and are designed to stick over "TENS" carbon rubber electrodes to hold in place. One time use only.

Size: 80mm x 75mm

N.B. - These cover a much larger skin area than other electrodes and can be difficult to remove from hairy skin, compared with pre-gelled electrodes.



CAT# 850

Permanent Reusable Electrodes & Accessories

A black carbon conductive rubber permanent electrode used with most TENS units. Connection is made via a 2mm hole in the small mount on one side.

Size: 50mm x 45mm



CAT# 860

Black conductive plastic electrode

Ideal for back pain or obstetric TENS use. 'Tac-Gel' can be used to stick these electrodes onto the body.

Size:100mm x 50mm



CAT# 865

Electrode Conductive Strip

This is a 50 mm x 700 mm black plastic conductive electrode that can be cut up into many other electrodes of various shapes and sizes – very economical.



CAT# 855

"Pro-TENS" cable.

A 110mm cable that has an 'audio' type plug at one end (2.5mm dia.) and divides into two cables at the other end which have two 2mm dia. pins each (13mm long). Fits many other older TENS units.

Other TENS cables are available – Please ask.



CAT# 856

"LIFE" TENS cable. This has a special flat ended female connector with a key way so it can only be plugged in one way.



CAT# 857

"Well" TENS cable.

This has special insulated pin connector and a round insulated female connector to the TENS unit.



CAT# 870

"Converter Cable"

This cable has a 3.5mm connector to connect to the special TENS units that require this type of connector (most TENS units now have a 2.5mm connector).

The two electrode connector pins are the normal 2.0mm dia. type and will connect to all our electrodes as described in this brochure.



CAT# 880

"Tac-Gel"

A gel that can be smeared onto conductive rubber or plastic electrodes and after 2 minutes drying time in air, becomes tacky, and will stick the electrode to the body. Should last one person many months.

A unique, water soluble, non-staining, electrically conductive adhesive. Firmly secures electrodes in place. Assures uniform prolonged contact. Will not flow or leak. Comes in a 50g tube.

Hand Dynamometer

**Smedley Spring -type Hand
Dynamometer CAT# 340**



This is a hand dynamometer to measure hand strength against spring pressure in a range from 0-100 ku in 0.5 ku divisions. This is "Smedley" type with an adjustable hand size grip. After use the pointer remains at the maximum pressure until moved manually back to zero.

**Jaymar Type Hydraulic-type Hand
Dynamometer CAT# 335**



This hydraulic hand dynamometer is modelled on the original "Jaymar" unit and is manufactured by Saehan Corp. This system is designed not to give any movement feedback to the patient. Since the patient is also unable to see the dial (as it is pointing to the floor), the patient gets no response feedback at all, making this instrument a more scientific test of hand strength. The dial indicates in 0-90 ku and 0-200 lb. The handle is adjustable for all hand sizes. This is a low cost, high quality instrument for every day use.

Pneumatic traction device – effective relief for cervical problems CAT# 320



Designed to help patients progress in a clinic and/or a home therapy program to enhance strength and mobility, PRONEX is efficacious in the management and/or treatment of chronic cervical pain.

There are no restraints under the jaw to interfere with normal jaw functions. Used on the floor for spinal alignment, stretch is provided as the bellows are inflated with a rubber bulb, pumped by the patient.

The bellows expand, and pressure is comfortably applied to the neck while supporting the cervical lordosis.



ADVANTAGES

- After instruction is given it can be hired out for patient use at home to speed up therapy.
- No assembly needed.
- Static or intermittent traction by patient control.
- Durable, Light weight and easily washable.
- Comes with bag, instructions and one year warranty.
- Optional pressure gauge is available.

A special range of instruments for body therapy and movement measurement

Cervical Range-of-Motion (CROM) CAT# 110



For the measurement of suboccipital flexion/extension and cervical flexion/extension, lateral flexion and rotation plus forward head.

This innovative system features:

- Easily repeated measurements by the same or second user.
- Magnetic yoke for accurate repeatable rotation measurements and elimination of shoulder substitution.
- Fluid damped meters allowing quick, accurate measurements.
- Accurate forward head measurements using the seventh cervical vertebra as a landmark.
- Objective feedback to patient resulting in improved motivation to continue the treatment process.

Back Range-Of-Motion (BROM) CAT# 105



For the measurement of flexion extension, rotation, lateral flexion and pelvic tilt. This unit establishes standard references for future comparisons. This is made possible by the unit having accurate and objective readings with hip substitution eliminated. The improved feedback to patients provides motivation to pursue treatment.

Drionic Sweat Control A revolution in Hyperhidrosis

Three areas are medically recognised as spots where excess sweat can accumulate and cause emotional distress for the heavy sweater - the Underarm, Hands and Feet. After all, isn't this why we buy antiperspirants?

After twelve years of research and development, General Medical Co of the USA has perfected a means of controlling sweat for the Underarms, Hands and Feet for up to six weeks at a time by iontophoresis with tap water.

Since the treatment works, without affecting functional sweating, the Drionic user will enjoy a normal dry condition.



Underarm Drionic (shown with strap) prevents embarrassment and ruined clothing.



Hand treatment provides sweat-free handshakes and smear-free work.



Foot treatment helps stop odour and sweat-caused problems and ruined shoes.

No drugs or surgery required.

Dual foot/hand Cat #1330
Single foot/hand Cat #1331
Underarm dual Cat #1332
Underarm single Cat #1333

Liberty Nebuliser CAT# 547



This is a sturdy low cost quality nebuliser with over 20 years of research and development behind it. It is designed for continuous long term use. It's antivibration system makes it one of the quieter systems on the market.

The nebuliser medication cup holds 7 ml. The particle size ejected is 80% below 5 um and 98% below 8 um. The compressor gives an output of 9 L/min. This system comes with one child and one adult mask, two nasal injectors one mouthpiece, one medication cup assembly and a 1 metre tube. The system is connected to the mains power via a 1.3 m cable.

Infrared Treatment Unit

CAT# 938



This medical Infrared unit does not have a bulb to blow at the wrong moment but instead has a sturdy 550W Infrared red heater element designed to last for many years.

The handle on the top can be used to adjust the angle of the unit up and down.

This model is manufactured in Australia. Over 2000 sold. It is now being used by the Australian Navy.

This Infrared Red unit has a height of 40 cm and a diameter of 19 cm, and can be mounted on any table or large shelf. The base is 23 cm x 23 cm and it has a 2.5 m mains cable. A 330W version is also available. Cat #937

'Slim Guide' Skin Fold Caliper

CAT# 120



This is a low cost skinfold caliper that comes with its own instruction manual and charts for men and women. Ideal for health profession students and interested sports minded people.

Harpenden Skinfold Caliper

CAT# 130



Well known in the health industry as a standard for over 40 years. Accurate to 0.1mm, sturdy construction, large jaw capacity for obese patients.

PA-100H CAT# 704

**Heated Percussion Action
Massager**



This excellent massager has the following advantages:

- Variable speed control
- Adjustable spacing of the massaging heads to fit all body areas
- Soothing heat
- Includes 3 applicator head sets - Soft, Hard and Heated

This is a professional hard working therapy massager for every day use.

Therapy Ultrasound Systems

Model US-7 Ultrasound CAT# 150 New low cost ultrasound unit



Specifications

- Power Supply: 240 volt 50 Hz
- Power Consumption: 25 watts at maximum output
- Operating Frequency: 1.1 MHz \pm 5%
- Maximum output: 3 watts/sq cm (15 acoustic watts)
- Output Mode: Pulsed at 4.1 ratio and continuous signal
- Pulsed Repetition: 50Hz
- Applicator: 5 sq centimetre of active area
- Timer: 3 and 6 minute switchable
- Weight: 2.75 kg net
- Dimension: 100mm x 225mm x 230mm

FEATURES

Straight forward controls for simple operations. Pulsed or Continuous output. Three and six minute timer and variable output to full 15 acoustic watts (3 watts per cm sq).

Light weight applicator which is hermetically sealed for subaqueous operation and which remains cool under all treatment conditions.

Compact modern design and all metal construction gives excellent reliability and durability.

U.S.3M-1MHz CAT# 153

U.S.3M-3MHz CAT# 155



FEATURES

- Pulsed or continuous wave
- Variable timer 1-10 minutes
- Waterproof transducer
- Auto power reduction when transducer is removed from body
- Dedicated 1MHz or 3MHz systems available
- Size: 90 x 245 x 225mm
- Weight: 3.75kg
- Output meter displays - up to max 3w/sq cm (15 acoustic watts)
Transducer area = 5sq cm
- Tough all metal case

T.G.S. Model U.S.5 CAT# 160



FEATURES

As per model U.S.3M above but also has:

- Digital countdown timer (0-9 min)
- Pulse output fully variable ratios from 10% to 100% (at 50Hz).
- Extension legs for easier viewing
- Size: 85 x 210 x 250mm
- Weight: 4.25kg
- In rugged metal case

BACK-A-LINE

Unique convex design ensures good back posture to promote back therapy



Now includes the new 'Bioflex' magnetic strip down the spine to increase blood flow and help relieve pain

Back-A-Line

- Curved to promote correct therapy
- Activates back muscles
- Activates stomach muscles
- OrthoWick lining-stays dry
- Recommended by professionals



- Prevent weakening of muscles
- Breathable and washable
- Grooved to bridge spine
- 200mm tall, covers full range of lumbar spine
- Tapered for waist hip differential
- MINIMISES BACK FATIGUE

Follow The Experts that say:

"The stiff, rounded quality of your lumbar pad maintains the proper lordotic alignment to protect the lower spine. Promoting good posture alone should be a major contributor to back pain reduction, but the pressure of your pad against the back muscles seems

to provide a further alleviating effect. It is the best thing you can do for your entire spine by supporting the first curve."

Dr Guy Doran - Chiropractic Lecturer

"It provides a proprioceptive and apparent painblocking effect"
Harvard Medical School

Sizes: Small/Medium CAT# 736, Large /XL CAT# 737, 2XL CAT# 738

Alto2Labs CAT# 460

Simulated Altitude Training system

- Can be used anywhere any time.
- Helps to condition the body to increase its oxygen efficiency.
- Used by top athletes but also shows promise for some respiratory patients to help improve their condition under medical supervision.
- Air is breathed through special Hypoxic Silos which can be stacked together to simulate an altitude.
One silo = 5,000 feet
Two silos =10,000 feet etc.



- Medical papers have shown that only a few minutes a day is needed to show significant benefits.
- A low cost Pulse oximeter can also be provided to monitor the patient

The special Serola Sacroiliac Belt

CAT# 740 (S), 741 (M), 742 (L), 743 (XL)



Compare the Serola Sacroiliac Belt against any other belt using a simple test.

- 1 Test the strength of any muscle. One easy test is to have a sitting person raise a foot off the ground and you push down on the thigh.
- 2 Fasten the Serola Sacroiliac Belt securely on the person.
- 3 Re-test the muscle strength.
- 4 Repeat this test with any other lumbar or sacroiliac belt.

RESULT: THE DIFFERENCE IN STRENGTH IS THE DIFFERENCE IN SUPPORT. If the person is stronger with the belt on, this indicates that the person may have an unstable sacroiliac joint.

The sacroiliac joints are two of the most important support centres of the body, positioned where the body's weight transfers from the spine obliquely through the pelvis to the legs.



As with any joint, sacroiliac instability causes reactive muscle splinting (Arthokinetic Reflex) that can be measured as weakness. Because most major muscles of the body attach to the

bones that make up the sacroiliac joint, the weakness caused by their splinting can be found throughout the trunk, hips, and upper legs as these muscles create a self bracing effect on unstable sacroiliac joints. The weakness is only apparent, in fact, the muscles are not actually weaker, but called on to do two things at once, stabilise the sacroiliac joint and resist the examiner. The Serola Sacroiliac Belt, by helping to stabilise the sacroiliac joint, allows the muscles to use more of their efforts in resisting the examiner. This principle can be applied to any situation that requires effort, including work, sports, or play. The person will function better and safer while wearing the Serola Sacroiliac Belt.

Unlike large, bulky lumbar support belts which give mainly muscular support, the slender Serola Sacroiliac Belt supports the ligaments and skeletal structure. Lumbar belts, by taking the place of weak trunk muscles, further the muscular weakness by promoting disuse and atrophy; for this reason, lumbar belts should be worn only when performing a specific task. The Serola Sacroiliac Belt, on the other hand, strengthens the supporting muscles by allowing them to function normally, permitting constant use of the belt while giving the wearer greater comfort and flexibility throughout the day.

These high quality low cost belts have dual tensioners and come in small, medium, large and extra large sizes.

Take the Serola challenge!

Compare the Serola Sacroiliac Belt against any other belt using a simple strength test.

ADVANTAGES

- **Stabilises the base of the spine**
- **Less muscle fatigue**
- **Greater strength**
- **Less back pain**
- **Less injury**
- **Better therapy**
- **Comfortable to wear**

No water shampoo, hair conditioner & body wash

Ideal for the elderly, travellers, children, physically challenged, eg. spinal patients, or anyone when taking a bath or shower is a problem.

These excellent new products from USA are now being used in Australian hospitals and nursing homes.

Late for work or a function but need to wash your hair quickly - easy with No Rinse.

Massage the shampoo into the hair and towel dry. Do the same with the hair conditioner if you wish, and be ready and fresh in a few minutes. No water needed. Gentle on the most delicate skin, yet leaves the hair and skin fresh and shining clean. These are alcohol free, so won't dry out the skin.

Alcohol Free Foam Hand Sanitizer

Antibacterial Formula with Aloe Vera

- 65% less volume required per application than alcohol gel.
- Alcohol Free No Rinse® Foaming Hand Sanitizer is safer for your hands and your facility.
- Small enough for your pocket
- Provides sanitizing when soap and water take too long between patients.
- Proven to kill Human Coronavirus (resembles the SARS-like virus).
- Effective in killing C.difficile bacteria.
- Non-flammable. Non drying.
- Will not remove fingernail polish.

Available in:

- 50 ml.Cat # 58 1 litreCat # 59
- DispenserCat # 60



No Rinse Shampoo

- Ready to use – Completely cleans the hair without water.
- Absolutely no rinsing is required.
- Just apply, massage to lather, towel dry, and style.
- Hospital tested and approved.
- No alcohol means no dryness.
- The safe ingredients in No Rinse Shampoo produce a cleansing action that leaves hair fresh, clean and odour free.

Available in:

- 2 ozCat # 40
- 8 ozCat # 41
- 16 ozCat # 42
- 1 galCat # 43



No Rinse Body Wash

- Ready to use – No water needed.
- Absolutely no rinsing required.
- Leaves skin clean, refreshed and odour-free.
- No Alcohol means no dryness.
- Gentle on sensitive skin.
- Safe and effective perineal cleanser.
- Moisturizes as it cleans.

Available in:

- 2 ozCat #50
- 8 ozCat #51



No Rinse Hair Conditioner

- Ready to use – No water needed.
- Instantly eliminates snarls & tangles while leaving hair soft and easy to manage.
- No rinsing required, no residue, no greasiness.
- Provides silkiness, softness & lustre.
- No Alcohol means no dryness.
- Simply apply, then massage into the hair, comb and style.

Available in:

- 2 ozCat #45
- 8 ozCat #46



The Grant Dyna-Care CAT# 22 anti-Decubitus Mattresses to Prevent Pressure Sores

Saves turning patients - a boon to health carers

Very low cost, made in USA



Long term patients whose body weight is continuously on a motionless surface causes pressure on millions of capillaries, veins and lymphatics. This adds to the patients problems as body fluids stagnate and toxic cell waste irritate nerves, and ulcers and pressure sores develop.

The Grant Dyna-Care 'Ultimo' system keeps the body fluids moving by a system of alternating pressure in the mattress's 21 uniform tubes.

These tubes inflate and deflate without vibration, giving the body proper support while promoting circulation.

The large number of these special thin vertical tubes eliminates the need for a pressure controller.

The near silent pump and gentle pressure changes ensure a good night sleep.

The USA manufactured 'Grant' system has a quiet pump for reliability and rugged design for long term quality use.

The pin prick resistant mattress is made from a super tough 11 gauge long lasting urethane/vinyl blend and its inflated size is 81cm x183cm.

The nearly silent pump unit is just 19cm L x 9cm W x 7cm H and 1.1ku.

Flaps are attached to each end of the air mattress which tuck in under the main bed mattress to ensure secure fit. This air mattress is easy to transport and keep clean.

The low cost pump unit is easily serviced or replaced.

Smell Killers

Runs on air and water for 100 years "Smellkillers" are special patented alloy disc which on contact with air and water eliminates foul odours, without harmful chemicals. Many testing authorities have proved it.

Large Room Smellkiller Cat #1263



The XL Smellkiller is designed to remove odours from rooms up to 60 m2. More sets may be used for larger rooms.

Classic Smellkiller Cat #1260



Efficiently removes bad odours on hands, smelly clothes or even small smelly stuffy rooms.

WC Smellkiller Cat #1267



The WC Smellkiller fights bad toilet odours day and night without harmful chemicals.

Universal Smellkiller Cat #1268



The Universal Smellkiller can be attached to walls near sanitary bin, toilet, drains, garbage bins and has a velcro strip for easy removal for cleaning. Others available.

All our products are designed for the healthcare professional

- ✓ New items are regularly added on to our stock. So, please phone or check our website www.diaginst.com.au for new items.
- ✓ The world's best diagnostic and therapy products are now proudly made available to you.
- ✓ Over 150 medical products to choose from.
- ✓ Respected suppliers to the medical profession since 1977
- ✓ Free consultation given on all our products.
- ✓ Our in-house service and calibration department ensures efficient and quality service.
- ✓ All instruments are checked and, if required, re-calibrated for accuracy before sale.
- ✓ Visa, Bartercard and Mastercard are welcome.
- ✓ All products have our one year warranty.
- ✓ Next day courier delivery to all Australian capital cities.

Normally quick delivery from stock.

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