



NEVERLAND

-SCIENTIFIC-

LABORATORY CATALOGUE 2017



Website: www.neverlandc.com

ADMINISTRATIVE OFFICE



Unit 1009, Westcare Medical Center
C/O Sam Nujoma Drive & Beethoven Str
Windhoek West, Windhoek, Namibia



Tel: +264 61 237814
Cell: +264 81 2720824
P O BOX 50861, Windhoek



Email: info@neverlandc.com

STORAGE WAREHOUSE



1317, Chobe Street
Cimbebaia, Prosperita Area
Windhoek, Namibia



Tel: +264 61 237814
Fax: +264 61 234724
P O BOX 50861, Windhoek



SPECIMEN CONTAINERS

LABOCARE™ Universal Specimen Containers, Sterile, 30ml Labelled

- >> Conical bottom with skirt
- >> Clear polypropylene
- >> Packed 100 per polybag, 5 x 100's per carton (500)



LABOCARE™ Sputum Containers, Sterile, 30ml

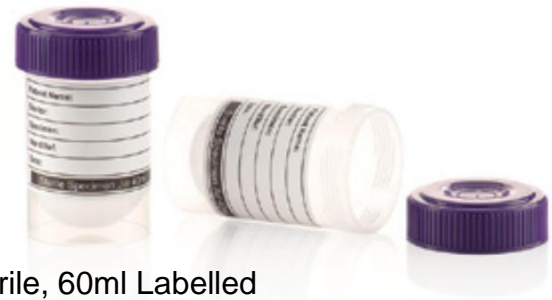
- >> Wide mouth with screw cap
- >> Clear polypropylene
- >> Packed 10 per polybag, 50 x 10's per carton (500)



LABOCARE™ Universal Specimen Containers, Sterile, 40ml Labelled

- >> Round bottom with skirt
- >> Clear polypropylene
- >> Packed in tubes of 10's, 50 x 10's per carton (500)

Also available: unlabelled with white cap for differentiation



LABOCARE™ Universal Specimen Containers, Sterile, 60ml Labelled

- >> Flat bottom
- >> Crystal polystyrene
- >> Individually wrapped, 500 pcs per carton



LABOCARE™ Stool Containers with Spoon 60ml

- >> Flat bottom
- >> Crystal polystyrene
- >> 500 pcs per carton



LABOCARE™ Universal Specimen Containers, Sterile, 100-120ml

- >> Flat bottom
- >> Clear polypropylene
- >> Individually wrapped, 500 pcs per carton



MICROSCOPE SLIDES, COVERSIPS, SLIDE STORAGE AND HANDLING

LABOCARE™ Microscope Slides

- >> Microscope slides plain with cut edges
- >> Microscope slides plain with ground edges
- >> Microscope slides frosted with ground edges
- >> Microscope slides with bevelled edges
- >> Microscope slides with target circles and ground edges*
- >> Slides with bevelled or ground edges are manufactured with a wet grinding process resulting in high quality fine uniform edge
- >> Surface of slides are typically flat, optically clear, lint and particulate free.
- >> Slides are 26mm (w) x 76mm (l) and 1mm to 1,2mm thick, packed 50 per box in a vacuum sealed, moisture and gas impermeable liner and 50 x 50's per carton

*These and other specialised slides available on special request



LABOCARE™ Cover Slips

- >> Coverslips 18mm x 18mm
- >> Coverslips 22mm x 22mm
- >> Coverslips 22mm x 40mm
- >> Coverslips 24mm x 24mm
- >> Coverslips 24mm x 40mm
- >> Coverslips 24mm x 50mm
- >> Cover slips are flat, optically clear, lint and particulate free
- >> Packed in individual plastic boxes containing 100pcs and 10 x 100's in vacuum sealed, moisture and gas impermeable liner



LABOCARE™ Slide Mailers

- >> Cardboard, (book style) with flap
- >> Available as single, double and 20 place mailers



LABOCARE™ Slide Storage Boxes

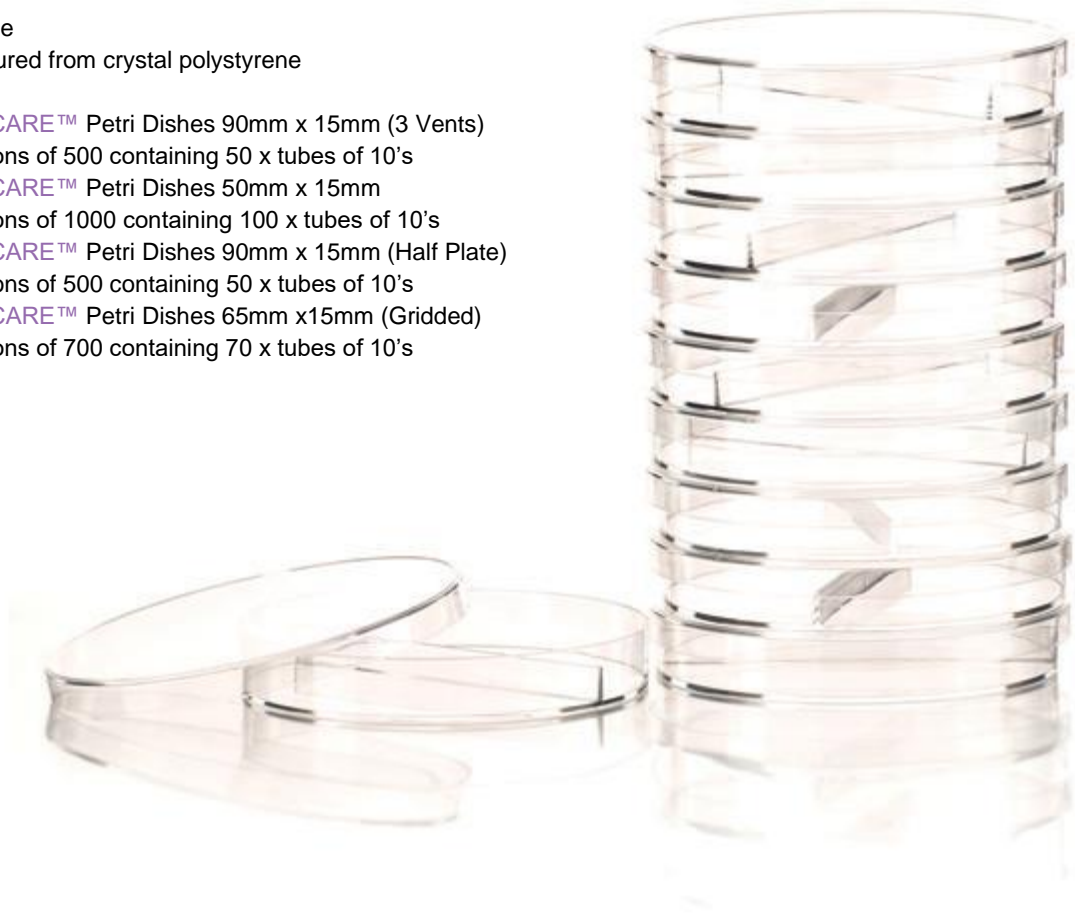
- >> Cork base for slide protection
- >> Numbered slide slots in base correspond to index card inside lid
- >> Positive snap lock lid keep slides securely in place
- >> Available as 50 or 100 place slide storage boxes



PETRI DISHES AND SWABS

LABOCARE™ Petri Dishes

- >> Sterile
- >> Disposable
- >> Manufactured from crystal polystyrene
- >> Available:
 - >> LABOCARE™ Petri Dishes 90mm x 15mm (3 Vents)
 - Cartons of 500 containing 50 x tubes of 10's
 - >> LABOCARE™ Petri Dishes 50mm x 15mm
 - Cartons of 1000 containing 100 x tubes of 10's
 - >> LABOCARE™ Petri Dishes 90mm x 15mm (Half Plate)
 - Cartons of 500 containing 50 x tubes of 10's
 - >> LABOCARE™ Petri Dishes 65mm x 15mm (Gridded)
 - Cartons of 700 containing 70 x tubes of 10's



LABOCARE™ Transport (collection) Swabs

- >> LABOCARE™ swab sticks sterile, labelled
- >> 100 per polybag



- >> LABOCARE™ Swab sticks sterile, with transport media (Amies)
- >> Individually wrapped in peel packs
- >> 50 per polybag



SHARPS CONTAINERS AND WASTE DISPOSAL

LABOCARE™ Sharps Containers

- >> Transparent cap to allow visualisation of contents
- >> FDA (USA) approved
- >> Made of tough, puncture resistant polypropylene
- >> Safe to incinerate and environmentally friendly
- >> Cap locks to base permanently
- >> Cap includes irreversibly locking lid
- >> Maximum fill line
- >> Wide top aperture with integrated needle extractor
- >> Available sizes, volumes 500ml, 1litre, 5litre, 7litre, 10litre, 13litre (other volumes available on request)



Safety Boxes

- >> Suitable for syringes, needles and biohazardous waste
- >> Manufactured from perforation and water resistant card
- >> Three layers:
 - Outer layer – Plastic film coated cardboard
 - Middle layer – Industrial grade heavy grade cardboard
 - Inner layer – Puncture resistant kraft/white paper
- >> Wide mouth port in top surface for sharps
- >> Sturdy carry handle
- >> Available sizes: 5litre. Others sizes available on request



Biohazard Bags

- >> Suitable for biohazardous waste (non-sharps)
- >> Manufactured from heavyweight flexible polyethylene
- >> Red colour bag with black biohazard symbol and black printing
- >> Heavy duty seams for durability
- >> Various sizes with or without gussets



MICRO-PIPETTES

SMART™ Micro-Pipettes, Automatic

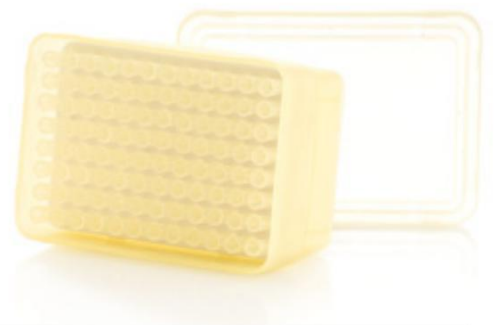
- >> Single channel fixed volume
- >> Single channel variable volume
- >> 8 Channel variable volume
- >> 12 Channel variable volume
- >> Volume lock on variable volume pipettes
- >> Soft Touch tip ejection
- >> PTFE seal for precision
- >> Stainless steel piston
- >> Fully autoclaveable
- >> Tip Cone fits most tip brands
- >> Ergonomic left or right hand use
- >> 4 Digit volume display always visible
- >> Light but robust and durable
- >> Calibration tools included
- >> Micro-pipette racks



PIPETTE TIPS

LABOCARE™ Universal Yellow Tips 200µl

- >> 96 tip racks
- >> 1000 tip bulk polybag
- >> Made from virgin low adhesion polypropylene
- >> Minimal liquid retention
- >> Free of lubricants and heavy metals
- >> Will fit most micro-pipettes
- >> Autoclaveable @ 121°C for 15 minutes



LABOCARE™ Universal Blue Tips 1000µl

- >> 100 tip racks
- >> 500 tip bulk polybag
- >> Made from virgin low adhesion polypropylene
- >> Minimal liquid retention
- >> Free of lubricants and heavy metals
- >> Will fit most micro-pipettes
- >> Autoclaveable @ 121°C for 15 minutes



Filter Tips Sterile Clear

- >> Made from virgin low adhesion polypropylene
- >> Minimal liquid retention
- >> Free of lubricants and heavy metals
- >> Will fit most micro-pipettes
- >> Certified DNase, RNase, Human DNA, PCR inhibitors and Pyrogen free
- >> Suitable for PCR and other biological applications
- >> 96 tip racks
- >> 10 racks per case (960)



Also available:

Tips in bulk (non-sterile) and graduated tips in bulk (non-sterile) as well as tip racks
Please check with us on these and your other micro-pipetting requirements



ACCUMAX™ Pipet Help

- >> Battery powered pipette controller
- >> Powerful but quiet pump
- >> Soft grip push buttons
- >> Double safety valve
- >> Autoclaveable pipette cone
- >> Features
 - Fills a 25ml pipette in under 4 seconds
 - Intelligent charger prevents battery overcharge or overheat
 - Safety valve and hydrophobic filters provide double protection against fluid penetration
 - Two different speed modes - high and low, with gravity drain
 - Pump speed can be fine tuned by varying finger pressure on operating knobs
 - Cadmium free environmentally friendly NiMH batteries
 - Low battery indicator
- >> Technical
 - Power 2 x 1.2V 1000mAh NiMH batteries
 - Battery Service life Eight hours continuous use
 - Battery charge time 2 - 3 hours
 - Volumetric Range Plastic or Glass pipettes from 0.1ml to 200ml
 - Safety system Replaceable hydrophobic 0.45µm PTFE filter
Safety check valve
- >> Includes
 - Battery Charger
 - Replaceable hydrophobic 0.45µm PTFE filter
 - Replaceable hydrophobic 0.20µm PTFE filter
 - Wall mount



Serological Pipettes

- >> Manufactured from crystal optically polished virgin polystyrene
- >> Graduations are calibrated for accuracy to within 2%
- >> Negative graduations for additional working volume
- >> Cellulose acetate fibre plug to prevent contamination
- >> Colour coded top stem for volume differentiation
- >> Sterile, individual peel-packs
- >> DNase, RNase and Pyrogen free
- >> Available volumes: 1ml, 2ml, 5ml, 10ml, 25ml, 50ml



LABOCARE™ Pasteur (transfer) Pipettes

- >> 1ml or 3ml, graduated
- >> Sterile or non-sterile
- >> Disposable
- >> Sterile - individually wrapped, 100 pcs per polybag
- >> Non-Sterile - bulk, 250 pcs per polybag



BLOOD COLLECTION TUBES

VACUCARE™ Blood Collection Tubes

>>SERUM

- >>Red Haemogard type cap
- >>No additive (plain)
- >>4ml
- >>Packed in trays of 100, cartons of 1200pcs



VACUCARE™ Blood Collection Tubes

>>CLOT ACTIVATOR

- >>Red Haemogard type cap
- >>4ml
- >>Packed in trays of 100, cartons of 1200pcs



VACUCARE™ Blood Collection Tubes

>>EDTA K₃

- >>Lavender Haemogard type cap
- >>4ml
- >>Packed in trays of 100, cartons of 1200pcs



VACUCARE™ Blood Collection Tubes

>>FLUORIDE-OXALATE (Glucose)

- >>Grey Haemogard type cap
- >>4ml
- >>Packed in trays of 100, cartons of 1200pcs



VACUCARE™ Blood Collection Tubes

>>LITHIUM HEPARIN

- >>Green Haemogard type cap
- >>4ml
- >>Packed in trays of 100, cartons of 1200pcs



VACUCARE™ Blood Collection Tubes

>>SODIUM CITRATE (Coagulation)

- >>Blue Haemogard type cap
- >>1.8ml, 2.7ml or 4.5ml
- >>Packed in trays of 100, cartons of 1200pcs



VACUCARE™ Blood Collection Tubes

> SST Gel

- >Yellow Haemogard type cap
- >>4ml or 6ml
- >>Packed in trays of 100, cartons of 1200pcs



Blood Collection Tube Application Guide

BLOOD COLLECTION TUBE	ADDITIVE	APPLICATION
VACUCARE™ Red cap (Serum)	None	Serum determinations - Chemistry
VACUCARE™ Red cap (Clot Activator)	Silica	Serum determinations - Chemistry
VACUCARE™ Lavender cap	EDTA-K ₃	Whole Blood - Haematology
VACUCARE™ Grey cap	Fl Oxalate	Glucose determinations
VACUCARE™ Green cap	Li Heparin	Plasma determinations - Chemistry
VACUCARE™ Light Blue cap	Na Citrate	Coagulation studies
VACUCARE™ Yellow cap SST	Gel	Serum determinations - Chemistry



HEATHROW SCIENTIFIC DROPLET TRAY

Droplet™ Blood Collection Tray

- >> Extensive research in clinics and hospitals with working phlebotomists led to the development of the lightweight, roomy and easy to clean Droplet blood collection tray
- >> Included with the ABS plastic frame is a set of economical, disposable inserts specifically designed for blood collection
- >> Keeping a clean and organised tray has never been easier. Wash the tray as needed, and replace the insert periodically for a fresh start
- >> Tray inserts come in two configurations and include an extra-deep compartment for a Sharp Chute™ sharps container
- >> Tray features a supply drawer, side pockets, and a ratcheting handle with soft rubber grip that rotates out of the way for easy access
- >> Each tray includes either a 13mm or a 16mm Heathrow OneRack® test tube rack and two disposable polystyrene inserts
- >> Additional inserts sold in packs of 4 in three different configurations
- >> Tray measures 429mm x 265mm x 172mm



Insert A/B for blood tubes



Insert C for specimen containers



Insert A for 13mm tube rack



Insert B for 16mm tube rack



Insert C for 11 urine sample containers

Droplet™ Lid

- >> Cover for the Droplet blood collection tray
- >> Protects the contents of the Droplet Tray with this sturdy lid
- >> Custom designed for a snug fit, the lid provides access to the tray handle in its vertical position
- >> There are two holes on the lid top corners allowing standard cable ties to thread through for secure storage
- >> The lid is made of polystyrene and is stackable
- >> Measures 420mm x 240mm x 205mm



Droplet™ Pockets

- >> Extra storage for Droplet blood collection tray
- >> Sturdy ABS "pockets" allow for extra storage on the Droplet tray
- >> Simply clip on pockets to both ends of Droplet
- >> Can be used in tandem with Droplet lid and can be easily removed for cleaning
- >> Pockets measure 230mm x 110mm x 105mm
- >> Sold in packs of 2



BLOOD COLLECTION

Erythrocyte Sedimentation Rate Test (ESR)

- >> Sanguilon ESR™ (Erythrocyte Sedimentation Rate) Test is a completely closed system to help protect laboratory personnel from the risks associated with blood handling
- >> The 2-part system features a Westergren Pipette and Reservoir Tube
- >> The Westergren Pipette is composed of durable crystal polystyrene, 220mm long and graduated in 1mm increments over 150mm of its length. The upper end of the pipette has a polyethylene stoppered valve to ensure a completely sealed closed and safe system when assembled
- >> The polypropylene Reservoir Tube unit consists of an upper opaque pink pierceable stopper and thin diaphragm inserted into a clear lower vial prefilled with 200µl of 3.8% sodium citrate anticoagulant
- >> When the diaphragm is pierced by a pipette, a leak-resistant seal is created
- >> The pipette will auto-zero blood, and any excess will flow into the closed reservoir compartment
- >> Packed in bags containing 250 pipettes with 250 reservoir tubes and then in cartons containing 4 bags x 250's

Sanguilon | ESR



TEST SYSTEM – WESTERGREN



Also available: Extra polystyrene 10 place racks



BLOOD COLLECTION

Dried Blood Spot Kit (DBS)

DBS testing involves blotting of (primarily) capillary blood samples onto specially constructed filter paper matrices for later laboratory evaluation

Blood collected in this way is allowed to soak through the filter paper matrix and then air-dried on site before packaging and transport to the laboratory

Because of the advances in laboratory diagnostic and analytical procedures, very many tests conventionally done on whole blood, serum or plasma can now be done on DBS

The DBS method of biosampling has significant advantages over liquid blood collection, namely:

- >> Low volume blood sampling
 - >> Venipuncture is not required so patients are less averse to testing
 - >> Use of self retracting lancets for DBS collection minimizes the possibility of needle stick injuries when compared to needles used in whole blood collection
 - >> DBS samples are low weight and low bulk, so transport is simple and cheap
 - >> No requirement for cold chain management as in liquid blood sampling, so concomitant costs are lower with greater ease of handling
 - >> DBS collection improves sampling rates in regions of difficult accessibility due to its low requirement for equipment and technology or special transport
 - >> High stability of DBS samples at normal ambient temperatures
 - >> No requirement to centrifuge, sub-aliquot, freeze, and defrost samples (all of which can introduce errors in analysis)
-
- >> DBS samples represent a low infection hazard as many viruses present in serum or plasma lose infectivity by disruption of their envelope on drying
 - >> DBS collection is easily accomplished with minimal training by non-specialized staff and does not necessarily require professionals trained in venipuncture



- >> DBS has many applications and can be used on many analytes, these include amongst others:

Metabolites	Hormones	Blood cells
Amino acid profiles	Biomarkers	Fatty Acids
Lipids	Drugs	Proteins (CRP, CD4)
Vitamins	DNA (PCR) HIV, Hepatitis, RNA	Heavy Metals and Trace Elements
Specific Antibodies	Specific Antigens	Bacterial Toxins

DBS Kits can be tailored as to contents and numbers of tests per kit



RAPID TEST KITS

Urine strips 10 Parameter

- >> Blood, Bilirubin, Uribilinogen, Ketone, Protein, Nitrite, Glucose, pH, Leucocytes, Specific Gravity
- >> 100 strips

Urine strips 2 Parameter

- >> Glucose and Protein
- >> 100 strips

Pregnancy Test strips

- >> 100 strips

HIV 1/2

- >> Serum, Plasma or Whole Blood
- >> 25 Test Kit (Cassettes)

Malaria pf/pv Antigen

- >> 25 Test Kit (Cassettes)

Syphilis Rapid test

- >> Serum, Plasma or Whole Blood
- >> 30 Test Kit (Cassettes)

HBsAg - Hepatitis B Surface Antigen

- >> Serum, Plasma or Whole Blood
- >> 30 Test Kit (Cassettes)

HCV - Hepatitis C Virus

- >> Serum, Plasma or Whole Blood
- >> 25 Test Kit (Cassettes)

HAV - Hepatitis A Virus - IgG/IgM

- >> Serum, Plasma or Whole Blood
- >> 25 Test Kit (Cassettes)

H.Pylori Antibody Detection

- >> Serum, Plasma or Whole Blood
- >> 30 Test Kit (Cassettes)

Faecal Occult Blood (FOB) Test

- >> 50 Test Kit

Prostate Specific Antigen (PSA) Test

- >> Plasma or serum
- >> 30 Test Kit (Cassettes)

TB (Tuberculosis) Ag MPT64 Rapid Test Kit

- >> Sputum culture
- >> 30 Test Kit (Cassettes)



Urine Test strips



Pregnancy tests



Hepatitis B Rapid Test Cassette

LATEX SEROLOGY REAGENTS

FORTRESS DIAGNOSTICS™

RPR Carbon Kit

- >> 100 test kit

ASO Latex Kit

- >> 100 test kit

CRP Latex Kit

- >> 100 test kit

HCG Latex Kit

- >> 100 test kit

RF Latex Kit

- >> 100 test kit

TPHA Kit

- >> 100 test kit

Toxoplasmosis Kit

- >> 50 test kit

RPR Test kit

Toxoplasmosis kit



BLOOD TYPING ANTISERA

FORTRESS DIAGNOSTICS™

Anti-A Blood Grouping Antisera

>> Vials of 10ml or trays of 10 vials

Anti-B Blood Grouping Antisera

>> Vials of 10ml or trays of 10 vials

Anti-AB Blood Grouping Antisera

>> Vials of 10ml or trays of 10 vials

Anti-D IgG/IgM Blend Blood Grouping Antisera

>> Vials of 10ml or trays of 10 vials

Anti-Human Globulin Poly (Coombs)

>> Vials of 10ml or trays of 10 vials

Serum Albumin 22%

>> Vials of 10ml or trays of 10 vials

LISS (Low Ionic Strength Solution)

>> Vials of 10ml



FORTRESS DIAGNOSTICS™

Brucella

>> Any of type B.Abortus or B.Melitensis

>> Vials of 5ml

Proteus

>> Any of type OXK, OX2 or OX19

>> Vials of 5ml



Salmonella Typhi

>> Any of type O or H

>> Vials of 5ml

Salmonella Paratyphi

>> Any of type A-H, A-O, B-H, B-O, C-H or C-O

>> Vials of 5ml



WIDAL Kit

>> Salmonella multiscreening

>> 8 x 5ml

>> Includes controls



CRYO STORAGE

AQUILON™ Cryovials

- >> 2.0ml, graduated in 0.1ml increments to 1.8ml
- >> Polypropylene cap and tube of similar expansion and contraction coefficients for ultra low freezing without leakage
- >> Silicone super-seal O-ring
- >> External thread
- >> Large white write panel
- >> Round bottom
- >> Universal rack-interlocking split bottom self-standing skirt
- >> Pre-fitted cap inserts - Natural, Green, Violet, Red, Pink and Yellow
- >> 500pcs per zipperseal polybag



LABOCARE™ Cryovials

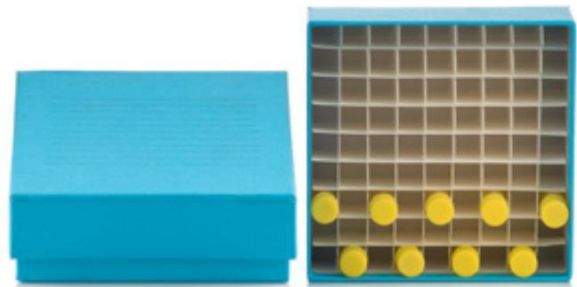
- >> 2.0ml
- >> Graduated
- >> Cap with o-ring
- >> External Thread
- >> 500pcs per Polybag



LABOCARE™ Cryovial Box - Cardboard

- >> 81 place (9 x 9)
- >> For 1.5ml to 2ml Cryovials
- >> Close fitting lids with imprinted blank writing lines
- >> Moisture resistant coated cardboard construction
- >> Sized to fit most freezer racks
- >> Various colours

Also available: Replacement cardboard grid inserts



LABOCARE™ Cryovial Box - Plastic

- >> 81 place (9 x 9)
- >> For 1.5ml to 2ml Cryovials
- >> Translucent lid allows visualisation of contents
- >> Friction-fit lid indexes to base via angled corners
- >> Polypropylene construction
- >> Sized to fit most freezer racks



Cryovial Labels

- >> Adhere at ultra-low temperatures down to -196°C
- >> Adhere to glass, plastics and metals
- >> Solvent resistant adhesive
- >> Will not crack, peel or degrade
- >> Written ink will not fade or smudge
- >> Will accept thermal printing
- >> Various sizes, shapes and colours available



CENTRIFUGE TUBES AND RACKS

LABOCARE™ Microcentrifuge Tubes

- >> Manufactured from clear virgin polypropylene
- >> Flat hinged cap, needle pierceable
- >> Positive closure and seal
- >> Graduated
- >> Bulk packed, non-sterile
- >> Available in 0.5ml, 1.5ml and 2ml
- >> Round bottom - 2ml
- >> Conical bottom - 0.5ml and 1.5ml
- >> 500Pcs per polybag



LABOCARE™ Centrifuge Tubes, 15ml

- >> Polypropylene
- >> Graduated
- >> Write panel
- >> With screw cap
- >> Conical bottom
- >> 1000pcs per carton



LABOCARE™ Centrifuge Tubes, 50ml

- >> Polypropylene
- >> Graduated
- >> Write panel
- >> With screw cap
- >> Conical bottom or self standing
- >> 50pcs per polybag



LABOCARE™ Centrifuge Tube Racks

- >> Racks for 15ml or 50ml tubes
- >> Microcentrifuge tube racks
- >> Other racks to accommodate tubes from 0.2ml to 50ml available



Laboratory Equipment

Magnetic Hot Plate Stirrer - **Benchmark H4000-HS**

- >> Chemically resistant ceramic top 19cm x 19cm
- >> Temperature range: +5°C to 380°C
- >> Stirring speed range: 60rpm to 1500rpm
- >> Indicator LED's show heat or stirring function activation
- >> Quick adjustment knobs, microprocessor controlled for precise adjustment of functions
- >> Support rod for mounting of thermometers or probes
- >> 20cm (w) x 23cm (d) x 11.5cm (h)
- >> 230V, 50/60Hz



Vortex Mixer - **Benchmark BenchMixer™**

- >> Q-Drive dynamic balance system
- >> Touch or continuous modes
- >> Variable speed from 200rpm to 3200rpm
- >> "No-walk" suction feet
- >> Cold room or incubator compatible
- >> Spill proof electronic controls
- >> Standard concave cup head / flat head (optional)
- >> 13cm x 16cm x 17cm, 3.8kg
- >> 230V AC, 50Hz, 0.75A



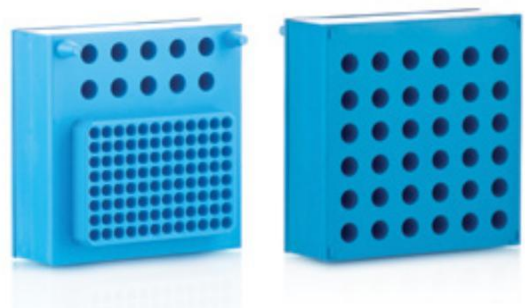
Microcentrifuge - **Heathrow Scientific Sprout™**

- >> Maximum speed: 6000rpm
- >> Maximum relative centrifugal force: 2000g
- >> Snapspin tool-less interchangeable rotors
- >> Circular rotor with adapters for 0.5ml to 2ml microtubes
- >> Straight rotor for up to 16 pcr tubes
- >> Quick spin feature
- >> Will only operate when lid is closed
- >> Storage case and tube rack
- >> Low vibration and noise
- >> 15cm x 13cm x 10cm
- >> 220/230V AC



PCR Cooling Block - **Benchmark R1000 COOLCUBE™**

- >> The CoolCube™ is designed to store samples safely on the lab bench without sample degradation due to temperature increase or fluctuation. Will keep samples at 0°C for 4 hours with requiring messy ice buckets or wet tubes
- >> One side of the CoolCube can be used as a convenient PCR workstation, with wells for 10 standard 1.5/2.0ml microtubes and one 96 well PCR plate or 0.2ml tubes/strips. The other side can be used to hold 36 standard 1.5/2.0ml microtubes
- >> Material: Durastar polymer and gel refrigerant
- >> 14.3cm x 14.3cm x 6.4cm, 0.9kg
- >> Maintains 0°C for 4 hours after overnight in a freezer



LABORATORY EQUIPMENT

HbA1c Point of Care Analysis - **CLOVER A1c™ Test Analyser**

- >> Fully automated Boronate Affinity Assay for the determination of the percentage of Haemoglobin A1c (HbA1c %) in whole blood (capillary and venous)
- >> Optional glucose test module
- >> Single use cartridge based system requires no additional reagents
- >> Requires only a 4µl blood sample
- >> Test result in 5 minutes
- >> HbA1c results selectable as % or mmol/mol
- >> Results displayed on LCD screen and/or by Thermal Print
- >> Internal memory capacity of 200 test results
- >> Small footprint only 200mm x 200mm x 139mm, 1.4kg
- >> Cable connection to PC
- >> Includes: CLOVER A1c™ Test Analyser
 - Instruction manual
 - Power adapter
 - Fan filters
 - Daily check cartridge (re-usable)
 - Monthly check cartridge (single use, disposable)
 - Thermal printer with 1 x roll of thermal paper
- >> Optional: Blood glucose module
 - Barcode scanner



Differential 9-Key Blood Cell Counter

- >> Used to count and classify white blood cells
- >> Tough ABS Outer Construction
- >> Counts - Baso, Eosin, Myelo, Juven, Stab, Seg, Lymph, Mono, named, with cells pictorially represented and Total
- >> Counts 0-999 cells per key window
- >> Bell rings every 100 of total cells counted
- >> Reset knobs
- >> 100mm (l) x 80mm (w) x 50mm (h), 800g



Also available: 6-Key counters - Baso, Eosin, Mono, Lymph, Poly and Total

Tally Counter

- >> Counts from 0-999
- >> Index finger ring
- >> Rugged metal construction
- >> Reset knob



Count Down-up Digital Timer

- >> LCD display
- >> 100 Minute timer with alarm
- >> Rugged stainless steel body
- >> Magnetic and spring clip
- >> Wire stand



BIOLOGICAL MICROSCOPE

OPTIMA® Binocular Microscope - Model G-206

- >> The OPTIMA G-206 binocular biological microscope enhances viewing comfort, reduces eye strain, and improves depth perception. The binocular head rotates 360° and locks into any viewing position. It is equipped with achromatic objectives and widefield eyepieces. Adjustable dioptre provide greater image depth perception and allow you to correct for differences between your eyes. The sliding interpupillary adjustment gives each user a custom fit
- >> The instrument obtains clear pictures, wide view field, and sharp contrast of excellent optical quality with comfortable observation. The structure is simple, easy to operate and maintain
- >> It is the ideal instrument for the use by scholars, students or in the laboratory



Observation tube	Binocular tube inclined at 30°
Mechanical tube length	160mm
Focusing	Coaxial coarse and fine focusing knobs
Stage	Mechanical stage (120mm × 120mm), X-Y travel is 30mm × 60mm with graduations of 0.1mm
Eyepiece	Siedentopf WF10X
Nosepiece	Quintuple
Objectives	Achromatic 4X, 10X, 40X (spring), 100X (spring, oil)
Condenser	Abbe N.A. 1.25 with iris diaphragm
Illumination	6V/15W halogen lamp
Power supply	220V
Standard accessories	Dust cover, immersion oil, blue & green filters, backup lamp, plano-concave mirror



LABORATORY THERMOMETERS

Minima-Maxima Thermometer

- >> Reads minimum, maximum and present temperature
 - >> Graduated 1°C
 - >> Reads -40°C to +50°C
 - >> Mercury filled
-



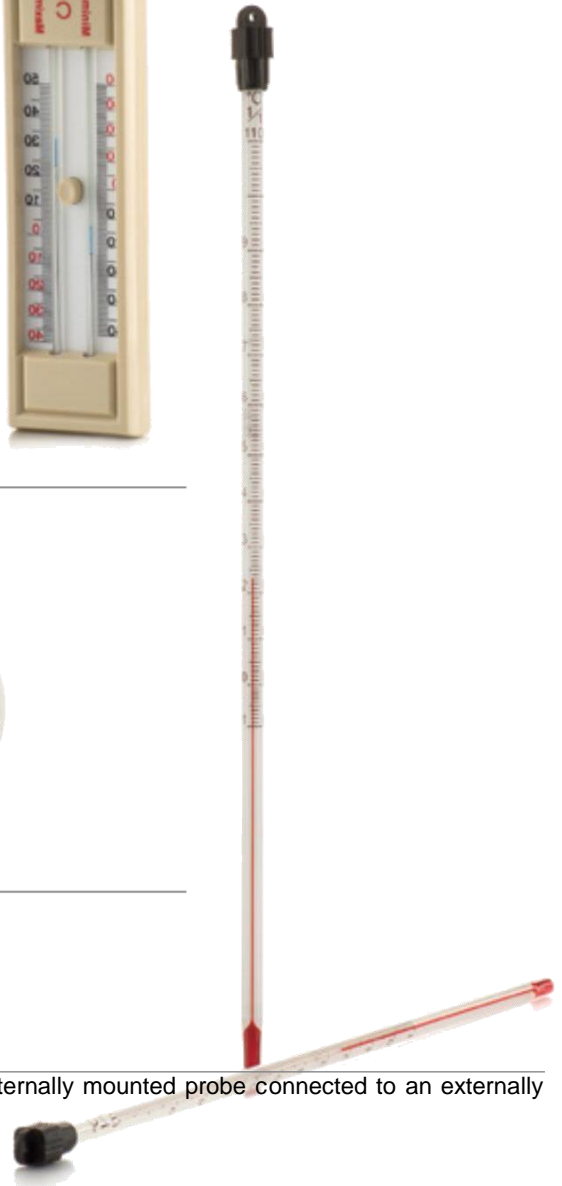
Fridge Thermometer

- >> Useful for fridge, freezer and laboratory
 - >> Graduated 1°C
 - >> Reads -40°C to +50°C
-



Laboratory Thermometer

- >> Spirit filled
 - >> Graduated 1°C
 - >> Anti-roll ring
 - >> Reads -10°C to +110°C
-



Digital Thermometer Module

- >> Accurate fridge or freezer temperature monitoring by means of an internally mounted probe connected to an externally mounted LCD unit
- >> Easy panel mounting
- >> Large and clear display
- >> Low battery indication
- >> High grade ABS case
- >> Waterproof sensor wire (160cm) and probe
- >> Specifications:
 - Measurement: -50°C to +70°C / -58°F to +158°F
 - Range accuracy: $\pm 1^{\circ}\text{C}$ / $\pm 1.8^{\circ}\text{F}$ over full range
 - Resolution: 0.1° between -19.9° to 199.9°, otherwise 1°
 - Sampling time: 5 seconds
 - Battery: 1 x 1.5volt type LR44
 - Ambient temperature: 0°C to 40°C or 32°F to 104°F
 - Dimensions: 48mm x 28.5mm x 15mm (LCD panel window: 45mm x 26mm)



LABORATORY CONSUMABLES

Applicator sticks (Orange Sticks)

- >> Natural white birch
- >> Close grained
- >> Untreated
- >> 150mm (l) x 2.4mm (diam)
- >> 1000pcs per Polybag



OPTICARE™ Lens Cleaning Tissues

- >> Non-shedding paper
- >> 100 Sheets per book
- >> Sheets are 10cm x 15cm



STERILISATION

STERICARE™ Autoclave Tape

- >> High Temperature backing and adhesive stable to 150°C
- >> Diagonal cream chemical indicator stripes change to dark brown/black on exposure to steam at 121°C for 20 minutes or 134-136°C for 4-6 minutes
- >> Available:
 - 12mm x 50m
 - 18mm x 50m
 - 24mm x 50m



Autoclave Bags

- >> For autoclaving biohazardous material
- >> Heavy gauge polypropylene allows repeated autoclaving at 121°C
- >> With strong side seams and seamless bottom, autoclave bags are designed to withstand high pressures
- >> Clear bags with blue biohazard symbol and front write-on panel
- >> Available:
 - 610mm x 810mm, 200pcs per carton
 - 310mm x 660mm, 200pcs per carton



Steri-pouches and Steri-reels

- >> For sterilization of instruments and equipment as well as surgical items
- >> Heat sealable paper/polymer laminate
- >> Chemical indicators for sterilization by steam or ethylene oxide
- >> Available:
 - Steri-pouches - Various widths and lengths, 1000pcs per carton
 - Steri-reels - Various widths x 200m in length



LABORATORY CONSUMABLES

LABOCARE™ Glass Capillary tubes

- >> Non-heparinised - Clear with **Blue** stem
- >> Heparinised - Clear with **Red** stem
- >> 75mm long, 70µL
- >> Inner Ø 1mm, outer Ø 1.6-1.7mm
- >> 100 tubes per vial



LABOCARE™ Microplate

- >> Crystal Polystyrene for best optical clarity
- >> 96 Well, identifiable by letter and number
- >> Marking the lid allows well identification
- >> Lid and plate indexes via one angled corner
- >> U-bottom



HISTOLOGY/CYTOLOGY

LABOCARE™ Embedding Cassettes

- >> For preparation of specimens from biopsy and other sampling for histology
- >> Made of polyacetal polymer
- >> With or without detachable lids
- >> Large anterior writing area at a 45° angle



ERMA-KAI™ Microtome Blades

- >> For paraffin block (embedding cassette) sectioning
- >> Made of special stainless steel with a high durability coating
- >> Low profile 35° 0.25mm X 8mm x 80mm
- >> High profile 35° 0.31mm X 14mm x 76mm
- >> 50 Blades per dispenser



LABOCARE™ Cervical Brush

- >> For cell collection from both endocervical and exocervical tissue
- >> Soft polyethylene bristles
- >> Conveniently detachable head
 - Standard head (straight bristles only)
 - Combi head (central bristle has short lateral bristles as well)
- >> Total length 197mm
- >> Packed:
 - Individually in sterile peel-packs and then polybags of 50pcs
 - Non-sterile in bulk polybags of 100pcs



Standard head



Combi head



BLOOD PRESSURE MONITORS - DIGITAL

Digital Blood Pressure Monitor, **Model LD-8** fully automatic wrist type

- >> Ergonomically designed slanted face and One Touch operation for ease of use
- >> Fully automatic inflation and deflation
- >> Displays systolic and diastolic pressure as well as pulse rate simultaneously
- >> 90 Place memory
- >> Automatic power down after 3 minutes of inaction
- >> Battery powered, 2 x AAA type
- >> Measurement range –
 - Blood pressure: 40mm to 260mm Hg, accuracy ± 3 mm Hg
 - Pulse: 40 to 160 beats per minute, accuracy $\pm 5\%$ of reading



Digital Blood Pressure Monitor, **Model haVIDA DH-18** fully automatic upper arm type

- >> Ergonomically erect designed and one touch operation for ease of use
- >> Validated by both the European Society of Hypertension and the British Hypertension Society
- >> Displays systolic and diastolic pressure as well as pulse rate simultaneously
- >> Fully automatic inflation and rapid deflation
- >> Inbuilt semi-conductor sensor for accuracy of measurement
- >> Gives average value for last 3 readings
- >> 90 Place memory
- >> Automatic power down after 3 minutes of inaction
- >> Battery powered, 4 x AA type
- >> Low battery power indicator
- >> Measurement range –
 - Blood pressure: 40mm to 260mm Hg, accuracy ± 3 mm Hg
 - Pulse: 40 to 160 beats per minute, accuracy $\pm 5\%$ of Reading
- >> 120mm (l) x 117mm (w) x 116mm (h), 310g without batteries



Digital Blood Pressure Monitor, **Model LD-582** fully automatic upper arm type

- >> Extra large LCD monitor panel
- >> Displays systolic and diastolic pressure as well as pulse rate simultaneously
- >> Ambient temperature display
- >> Date and time display
- >> Irregular heart beat and WHO blood pressure indication
- >> Fully automatic inflation and rapid deflation
- >> Inbuilt semi-conductor sensor for accuracy of measurement
- >> Gives average value for last 3 readings
- >> 2 User with 60 place memories each
- >> Alarm function for reminder to take daily measurements
- >> Automatic power down after 3 minutes of inaction
- >> Powered by mains adapter (included) or batteries, 4 x AA type
- >> Low battery power indicator
- >> Storage compartment for cuff at back of unit
- >> Measurement range –
 - Blood pressure: 40mm to 260mm Hg, accuracy ± 3 mm Hg
 - Pulse: 40 to 160 beats per minute, accuracy $\pm 5\%$ of reading
- >> 158mm (l) x 120mm (w) x 127mm (h), 490g without batteries



Time

and ambient
temperature display



BLOOD PRESSURE MONITORS - ANEROID

Aneroid Sphygmomanometer

- >> Durable aluminium alloy manometer
- >> Nylon cuff with D-Ring and velcro fastener
- >> 2 -Tube PVC bladder
- >> PVC inflation bulb
- >> Large spring loaded air-release valve
- >> Vinyl zipper case



STETHOSCOPES

Stethoscope, Dual Head

- >> Sized for adults or children
- >> Dual head chestpiece of anodized aluminium, for good sound conduction
- >> Large 47mm \varnothing head with membrane sensitive to auscultation of the heart and lungs
- >> Small bell shaped head for auscultation of slight and low frequency sound
- >> Dual anti-chill rings
- >> Comfortable ear tips
- >> Single PVC tube
- >> Quality rolled steel external spring



Stethoscope, Dual Head - Sprague Rappaport

- >> Suitable for adults, children and neonates
- >> Dual head chestpiece of chromed zinc alloy for excellent sound conduction and little acoustic attenuation
- >> Large 45.5mm \varnothing head with highly sensitive membrane for sound collection
- >> Smaller membrane more suited for use with children
- >> Double PVC tube, well sealed giving dual sound conduction channels with good resistance to ambient interference
- >> Quality rolled steel external spring
- >> Accessories included –
 - 3 Bell attachments for use in auscultation of adults to neonates
 - Spare membranes
 - 2 Pairs of ear tips, differing in firmness
 - Clear multipocket carry bag



CLINICAL THERMOMETERS

Thermometer, Digital

- >> LCD readout
- >> Display range - 32°C to +42°C, 0.1°C increments
- >> Accuracy: 0.1°C
- >> Low battery indication
- >> Beeper sounds when measurement concludes
- >> Auto shut-off
- >> Water resistant
- >> Hard plastic case for protection
- >> Button battery powered (LR/SR-41)



SCALES

Baby Weighing Scale - Electronic

- >> Electronic LCD readout
- >> Smooth contoured weighing surface
- >> Maximum capacity 20kg with 10g increments
- >> Automatic memory function shows last reading when scale is turned on
- >> Tare function to subtract the weighing surface liner or clothes
- >> Soothing lullaby music function (can be turned off)
- >> Auto power-off after 20 seconds of inaction
- >> Powered by 4 x AA batteries
- >> Includes weighing surface liner and tape measure



Baby Weighing Scale - Mechanical

- >> Dial readout
- >> Smooth contoured weighing surface
- >> Maximum capacity 20kg
- >> Precision: 0kg - 10kg = 50g
10Kg - 20kg = 100g
- >> Upon removal of the tray, the platform beneath it may also be used for weighing standing children of mass less than 20kg



Baby Weighing Scale - Sling suspension

- >> Dial readout
- >> Sling pants with suspension straps
- >> Reads both kilograms and pounds
- >> Maximum capacity 25kg
- >> Precision 100g
- >> Manual tare knob
- >> Includes s-hooks for suspension of main unit and sling pants



Physicians Scale - Double beam

- >> Double sliding weight beams
- >> Upper beam divisions in 100g increments
- >> Lower beam divisions in 20kg increments
- >> Maximum capacity 200+ kg
- >> Includes height measure 75cm to 200cm
- >> Precision: Weight 100g
Height 0.5cm
- >> Reads both kg and lb for weight
- >> Reads both cm and inches for height
- >> Completely adjustable for calibration
- >> Load platform area 375mm x 275mm
- >> Total mass of unit 15kg



Also available: bathroom scales, body fat scales, analytical and precision balances



DIAGNOSTIC EQUIPMENT

Diagnostic Set

- >> Battery powered handle (2 x C cells)
- >> Ophthalmoscopic head
- >> Otoscopic head
- >> Laryngeal mirrors x 2 sizes
- >> Throat/Nasal illuminator
- >> Otoscopic specula 2 each of 4 sizes
- >> Dental mirrors x 2
- >> Nasal speculum
- >> Tongue depressor with adaptor
- >> Hard durable carry case



Laryngoscope Set

- >> Battery powered handle (2 x C cells)
- >> 4 x Mackintosh (Curved) blades*
- >> Conventional illumination**
 - Each blade has its own lamp
- >> Blades are stainless steel
- >> Matt finish
- >> Autoclaveable
- >> Carry case with cut-out foam inserts

* Miller (Straight) Blades also available

** Fibre-Optic Illumination also available



THERAPEUTIC EQUIPMENT

Nebulizer Model - Angela 4A

- >> Technology - piston compressor
- >> Sound level 55dB
- >> Maximum pressure 200Kpa
- >> Compressor free air flow 10litre/min
- >> Nebulizer kit (included) 33065010
 - Capacity - 10ml
 - Nebulization rate - 0.25-0.35 ml/min
 - Particle size - 3.0 μ
- >> Oral and nasal nebulising delivery accessories included
- >> Spare filters and fuse included
- >> Electrical safety - Class II type B
- >> Mains operated, 220V/60Hz, 1.5A



THERAPEUTIC EQUIPMENT

Oxygen Concentrator - Portable O₂ Super Mini

Small and light enough to be carried by its shoulder strap bag, this oxygen concentrator is useful for home, in-vehicle and ambulatory use

The **O₂ Super Mini** comes complete with all necessary accessories including 2 light but powerful lithium ion batteries and car charger adapter, allowing the user total freedom of movement

- >> Simple 2 button top operation
- >> Sound - Less than 50dB
- >> 26-29% Concentration oxygen delivery
- >> Outlet Air Flux 3litre/min
- >> Mains power adapter
- >> Car charger adapter
- >> 2 X rechargeable lithium ion batteries 15V, 4A
- >> Extended nasal cannula tube with inline vaporizer
- >> Active carbon photocatalyst function removes dust, bacteria and odour from air
- >> Main unit plus 1 battery and accessories weighs just 2.5kg
- >> Dimensions - 200mm x 165mm x 300mm
- >> Sturdy carry bag (included) holds all accessories



SURGICAL DISPOSABLES

Vaginal Speculum

- >> Manufactured from crystal polystyrene
- >> Smooth edges and surfaces
- >> Duckbill type
- >> Thumbscrew operation
- >> Sterile, single wrapped
- >> Disposable, single use
- >> Sizes distinguishable by colour coded thumbscrews
- >> Available in small, medium and large



Closed Wound Suction Appliance

- >> Evacuation and drainage reservoir actuated by a 3-spring system providing reliable suction and collapse resistance
- >> Suction exerted: -90mm Hg
- >> PVC reservoir, 400ml volume with clear sidewalls, graduated every 100ml for visualization and measurements of contents
- >> PVC connecting tube, 72cm with universal Y-connector for dual suction if required
- >> PVC wound tube, 120cm, includes radio opaque markings along its length
- >> Stainless steel trocar, 130mm
- >> Suction port (A) equipped with an anti-reflux valve to preclude retrograde flow of drainage fluid during emptying and reactivation
- >> Drainage port (B) with attached reclosable pouring spout permits convenient emptying and reactivation of the reservoir/suction unit
- >> Hanger clip
- >> Available sizes by wound tube \varnothing - 3.2mm and 6.4mm



MEDICAL AND SURGICAL

Male Circumcision Kits

- >> During the period of 2005 to 2007, three large randomized controlled studies were carried out on approximately 10000 men to evaluate the effectivity of male circumcision in decreasing HIV transmission in heterosexual males
- >>> Initial results were dramatic, showing an average of a 60% reduction in HIV transmission. Follow up on the sample group since then has been even more encouraging, with as much as a 76% reduction in HIV transmission being demonstrated
- >> Although there is no definitive reason why male circumcision reduces men's risk of HIV infection, it is believed that the circumcision process removes certain cells that are vulnerable to infection. Circumcision also reduces the rate of genital ulcer disease, which may in turn reduce HIV infection
- >> Voluntary Male Medical Circumcision is now considered to be one of the most powerful tools in diminishing HIV transmission. This procedure is actively promoted and supported by the World Health Organisation and many Non-Governmental Organisations, working hand in hand with Governmental Health Ministries in the regions affected



- >> Each Male Circumcision Kit is a sealed and sterilised package containing all the necessary instruments and surgical disposables to complete this procedure on a single patient

The typical configuration* and contents of a Male Circumcision Kit is listed hereunder, but kits can be tailor-made for a specific type of procedure or project requirement

ITEM DESCRIPTION	Quantity
4 Compartment Tray - Disposable	1
Alcohol Swabs	2
Gauze Swabs 10cm x 10cm	20
Surgical Hypoallergenic Paper Tape 12.5mm	1 roll
Syringe 10ml	1
Hypodermic Needles 21G & 23G	1 each
Paraffin Gauze 10cm x 10cm	1
Fenestrated Drape (O Drape) - Disposable	1
Needle Holder	1
Suture Scissors	1
Suture absorbable PGA 75cm 3/0	1
Surgical Gloves	2 pairs
Examination Gloves	1 pair



Disposable Retracting Scalpel	1
Haemostatic Forceps	1
Mosquito Forceps Curved	1
Mosquito Forceps Straight	1
Plastic Forceps - Disposable	1
Plastic Apron - Disposable	1
Surgical Paper Wrap	1

*Forceps Guided Method



This image shows a full page of blank, lined paper. It features approximately 30 horizontal grey lines spaced evenly apart, typical of notebook paper. The lines extend across the entire width of the page. There are no margins, text, or other markings present.