

CATALOUGE FOR LABORATORY AND MEDICAL SUPPLIES

UNOPS MYANMAR (PR-GFATM)



INDEX

No.		Page No.
1	CONTAINERS	2-3
2	INSECTICIDAL SUPPLIES	4
3	LABORATORY CHEMICAL AND REAGENTS	4-7
4	LABORATORY ACCESSORIES	7-15
5	MEDICAL AND CLINICAL SUPPLIES	15-16
6	MEDICAL DEVICES	17-19
7	MEDICAL SUPPLIES	19-24
8	RADIOLOGICAL SUPPLIES	25
9	SYRINGES AND NEEDLES	26-28

1. CONTAINERS

1.1 - Methadone Cup

- Plastic disposable cup
- Volume for methadone and beverage mix: Approximate 7 cm diameter wide, 6 cm high, 5 cm diameter base (for 200 ml)



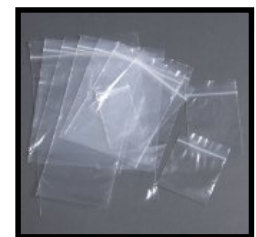
1.2 - Sputum Container, Plastic



- Non-sterile (screw capped, opaque, non-breakable, Non-leakable)
- Rough patch on side for sticking label
- Minimum Size (inner dimensions):
- Ht.-1.3"
- Dia.: Top- 1.8", Bottom- 1.6" (+ 4% variation is acceptable)

1.3 - Tablet Bags Re-sealable

- Re-sealable, Approximate 60x80mm
- Transparent polyethylene, watertight snap-lock fastening
- Transparent plastic to write instructions



1.4 - Take Home Dose Container

- Fit for 150 cc volume, plastic, transparent, Child proof, disposable take home container with cover
- Areas to put sticker note for methadone volume and clients information on container

1.5 - Box, triple packaging, infectious substance (UN2814)

Primary container

- Tube or vial containing the sample
- Hermetically sealed (if necessary, fix the cap with some adhesive tape) and labelled (with a permanent marker)



Secondary container

- Watertight polyethylene box intended to protect the primary container
- Supplied with cardboard or bubbles paper vial holder in which several primary containers can be placed
- Ø 12 cm, H 15.5 cm
- Maximum volume: 1 liter
- NB: Absorbent material (gauze, absorbing paper...) must be added in a sufficient quantity to absorb the fluid completely in case of breakage.

Outer container

- Strengthened cardboard box used to protect the secondary container
- Labeling UN 2814
- 16 x 16 x 17.5 cm

2. INSECTICIDAL SUPPLIES

2.1 - Light Trap (Incandescent)

- Light weight insect trap
- Cover: Approximate size 13” (33 cm) in diameter, black color
- Body: Approximate size 3-1/2” (9 cm) acrylic tubing, stainless steel supports and screen including polypropylene cord for hanging.
- Light bulb: 4-watt CM-47 incandescent with an average life of 2,000 hours
- Power cord: Approximate 8-foot (2.4 m) with standard spade tip connectors
- Integrated equipment
- Photo cell with sensor sitting flush with the outside of the trap body. It is intended to start the trap at dusk and stop the trap at dawn
- Air gate: a self-closing, clear film to prevents escape of collected specimens in the event of power loss
- Collection bag: rip top nylon skirt, 2801B
- Collection cup: 16-ounce polypropylene jar with 32-mesh screen vented bottom and lid



3. LABORATORY CHEMICAL AND REAGENTS

3.1 - Anisol

- Anisol emulsion oil, 500ml

3.2 - BP Phenyl Concentrated (LP)

- A mixture of chemical used to kill microorganisms including Mycobacterium tuberculosis. Concentrated, Phenyl for Deodorant floor cleaner & removing bad odor respectively, 650ml/bot

3.3 - GIEMSA

- GIEMSA Stain for microscopy, 500 ml

3.4 - Hydrochloric acid (HCL acid)

- HCL = 36.46
- Description: A clear fuming liquid, not more than 10 Hazen units of color.
- Minimum assay - 35.4 %
- Maximum limits of impurities
- Non volatile matter - 0.001 %
- Free chlorine (CL) - 0.0002 %
- Sulphate (SO₄) - 0.0005 %
- Sulphite (SO₃) - 0.0001 %
- Aluminium (Al) - 0.00005 %
- Ammonium (NH₄) - 0.0003 %
- Arsenic (As) - 0.000002 %
- Copper (Cu) - 0.00001 %
- Iron (Fe) - 0.00004 %
- Lead (Pb) - 0.00005
- density 1.17 g/cm³; MW 36.5 g/mol,
- 0.5 L

3.5 - Immersion Oil

- Non-drying, synthetic oil with a refractory index of 1.515-1.517;
- Viscosity at 20 degree C-- 100-120mPa.s;
- Non fluorescent; light transparency at 400nm (equal or more than) 75%.
- 1L bottle

3.6 - Methanol (Methyl Alcohol)

- CH₃OH = 32.04
- Minimum assay (GLC) - 99.5%
- Weight per ml at 20C - 0.790-0.793 g
- Refractive index - 1.328-1.331
- Maximum limits of impurities
 - Non volatile matter - 0.005%
 - Aldehydes & ketones [(CH₃)₂CO] - 0.1%
 - Water - 0.25%
- 1000 ml per bottle

3.7 - Phenol Crystal

- Synonyms: Carboic Acid, Oxybenzene, Phenol detached crystals
- $C_6H_5OH = 94.11$
- Freezing point - $39.5 - 41^{\circ}C$
- Tarry matter - Absent
- Non- volatile matter - $< 0.05\%$
- melting point - $40-41^{\circ}C$
- Primary packing in amber color packing with label of toxic product, 500gm powder/ bottle.

3.8 - Sodium Hydroxide for solid culture

- $NaOH = 40.00$
- Minimum assay - 98.0%
- Maximum limits of impurities
- Insoluble matter - 0.01%
- Carbonate (K_2CO_3) - 1.0%
- Chloride (Cl) - 0.002%
- Nitrogen Compounds(N) - 0.0005%
- Phosphate (PO_4) - 0.0005%
- Silicate (SiO_2) - 0.005%
- Sulphate (SO_4) - 0.003%
- Aluminium (Al) - 0.001%
- Calcium (Ca) - 0.001%
- Copper (Cu) - 0.0005%
- Iron (Fe) - 0.0005%
- Lead (Pb) - 0.0005%
- Nickle (Ni) - 0.0005%
- Potassium (K) - 0.5%
- 500gm/bottle

3.9 - Xylene

- $C_6H_4(CH_3)_2 = 106.17$
- Description: A clear liquid not more than 10 Hazen units in colour
- Wt. per ml at 20C - 0.850 - 0.856 g
- Refractive index - 1.4950 - 1.4970
- Boiling range - 137-142C
- Maximum limits of impurities :
- Sulphur compounds (CS₂) - 0.0003%
- Non volatile matter - 0.01%
- 1000 ml per bottle

3.10 - ZN I (Basic Fuchsin Powder)

- Chemical name: Pararosaniline hydrochloride,
- $C_{20}H_{20}ClN_3 = 337.85$
- Dye Content minimum 88 % (dye content must be mentioned)
- Absorption (in 50% ethanol) Max: 549-552 nm
- Melting point : 250°C
- Colour: Metallic green
- 25gm powder/ bottle.

4. LABORATORY ACCESSORIES

4.1 - Assembling Rack



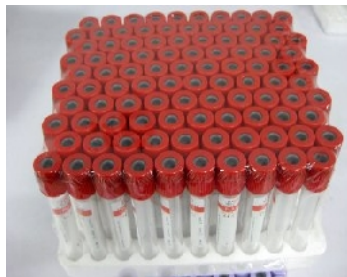
- Rack to hold 21 tubes of 50ml
- Made of polypropylene
- Size: Approximate 246(length) x 104(width) x 64mm(height)
- Size of hole: Approximate 30mm (diameter) ,
- Autoclavable at 121°C.

4.2 - Bijou Bottle

- Capacity: 5-7 ml with aluminum screw capped
- Autoclavable at 121°C
- Pyrex glass bottles for preparation



4.3 - Blood Collection Plain Tube 5ml, 7ml



- Vacuum tube with rubber teeth, sterile, no additive, polypropylene with plastic capped over the rubber stopper, plain tube
- Capacity: 5ml, 7ml

4.4 - Blood Collection Set, EDTA (Tubes, Needle, Holders, 100 pcs Each)

- Tube, vacuum, serum, 6ml
- Needle, blood collection, 22 G
- Needle holders are attached in needle boxes



4.5 - Blood Collection Tube Holder



- Standard plastic holders accept disposable and reusable double-ended needles with threaded hubs. Single use.

4.6 - Blood Collection Tube Needle 21G, 22G

- Sterile, disposable, to be compatible in use with various types vacutainer holder,
- Sizes available 21 G, 22 G



4.7 - Blood Collection Tube, K3EDTA 2ml, 3ml, 4ml



- Blood collection Tube, with K3EDTA anticoagulant.
- Size: 2ml, 3ml, 4ml
- Tube is made of polypropylene and Cap is made of thermoplastic rubber and purple cap.

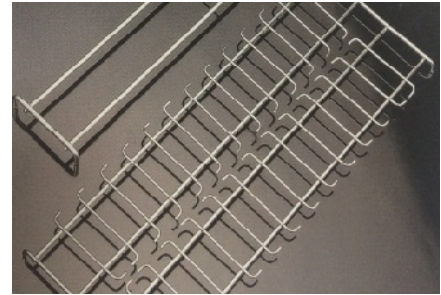
4.8 - DBS Collection Consumables for 100 samples, bundle

- (1) Paper, dry blot spot, Box of 100 pcs - 1 box
 - # Dry blood spot (DBS) card with bar coding, Protein Saver card
 - # Collects blood and preserves proteins for future nucleic acid analysis.
 - # 5 distinct spots
 - # Stability. min 18 months for DNA
 - To collect, transport and long-term store blood samples, which subsequently will be used for immunodiagnosics
- (2) Gloves for lab work, powder less, medium, Box of 100 pcs - 2 boxes
 - # Standard gloves for examination and laboratory work
 - # Material: latex
 - # Non-sterile
 - # Single-use disposable
 - # Medium size
 - # Fits either hand
- (3) Compress, gauze, 6x3cm, anti-septic, Box of 100 pcs - 2 boxes
 - # Individually packed compress

- # Size, approx: 5 x 5 cm
- # Contains anti-septic alcohol (skin)
- (4) Lancet, safety, 1.8mm - 300 pcs
 - # Instant trigger launches spring-based needle
 - # Needle, approx: 1.8 mm
 - # Single-use disposable
 - # Mechanism prevents reuse
- (5) Bandage, adhesive, 2.5cm - 120 pcs
 - # Individually packed bandage
 - # Self adhesive
 - # Diameter roll: 2.5 cm
- (6) Bag, plastic, 16x22cm - 50 pcs
 - # With Ziplock closure
 - # Material: transparent colorless LDPE, thickness 50 µm
 - # Size 16 x 25 cm
- (7) Label, self-adhesive, 4.2x8.9cm - 100 rolls
 - # Writable with pen or marker
 - # Material: paper
 - # Self adhesive
 - # Size: 48 x 95 mm
- (8) Silica gel in 0.5gm sachets, Box of 200 sachets - 1 Box
 - # Silica gel
 - # Crystal particle size: 1.0 to 2.0 mm
 - # Bulk density, approx: 750 g/L
 - # Absorption capacity: up to 55% (at RH 90%)
 - # Packed in small permeable pouches containing 0.5 g
- (9) Humidity monitor card, 50
 - # Allows tracing humidity during transport/shipment
 - # Cards 35 x 100mm, with circles for 10, 20, 30, 40, 50 and 60% RH
- (10) Envelope, glassine, 11x16 cm, Box of 100 pcs - 1 box
 - # Glossy glassine surface
 - # Non absorbent
 - # Envelope size: 11 x 16 cm
- (11) Packing envelope, 36x27cm, Box of 50 pcs - 1 box
 - # Size: 35 x 25 cm
 - # Inside bubble plastic lining

4.9 - Drying Rack

- Stainless Steel, heat stable at 121°C. Can be leaning over to drain off the stain without falling the slide.
- For 24 Slides
- Length: Approximate 435mm
- Width: Approximate 175 mm



4.10 - Filter Paper



- Material - cellulose filter paper
- Shape -square
- Size –Approximate 50X50 cm
- Paper weight - 73-75 gm,
- Retention particle - >4 micrometer

4.11 - Lens cleaning paper for Microscopes

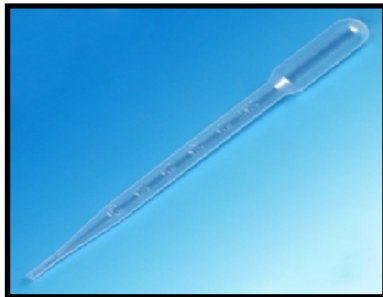
- Soft texture, lint-free tissue for lens cleaning and not damage lenses or optical surfaces
- High absorbency to ensure the safe removal of surface moisture and grease
- Size. Approximate 150 mm × 100 mm
- Thickness: 0.035 to 0.040mm
- 50 sheets/booklet



4.12 - Pipette, Automatic

- Pipette, Automatic, Adjustable volume
- Made from polypropylene,
- Digital display with volume adjuster lever with tip ejector
- be able to provide accuracy
- Available capacities: 5 to 100 μ l, 20 to 200 μ l, 100 to 1000 μ l.

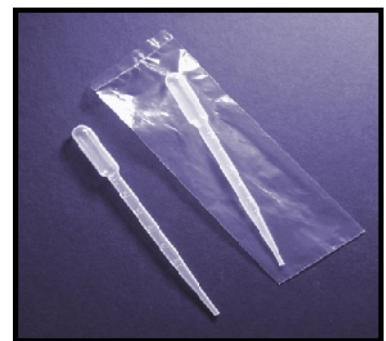
4.13 - Pipette, Pasteur 3ml (Non-sterile)



- Transfer pipette, Disposable, Non-sterile
- Capacity = 3ml
- Length = Approximate 140 mm
- Graduation Marks = 0.5 ml increments to 3 ml;
- Transfer pipette are made from low density polyethylene (LDPE)

4.14 - Pipette, Pasteur 3ml (Sterile)

- Transfer pipette, Disposable, Sterile
- Capacity = 3ml
- Length = Approximate 140 mm
- Graduation Marks = 0.5 ml increments to 3 ml;
- Transfer pipette are made from low density polyethylene (LDPE)



4.15 - Slide Box (50 slides/100 slides)



- In durable plastic material, with numbered slots for 25.4x76.2mm slides, enable to place 1mm-1.2mm thick slide, supplied with an index-card for the classification of the slides inside. Cock sheet installed on internal bottom to protect slides from damages during transports. Hinged lid is held together securely with molded latched lock. Safe Closing and easy opening.
- Available in 50 slides and 100 slides size.
- Color: White, Blue, Grey, Red, Yellow

4.16 - Spirit Lamp



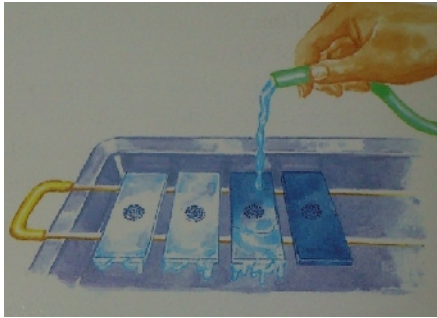
- Glass lamp made of soda lime glass
- Volume approximately 85 mL
- Dimensions - Approximately 100 mm in diameter and 65 mm in height
- With a wick (cotton wool or metal wire), a method of wick adjustment and a cap
- Include an extra wick

4.17 - Staining Bottles with Sprout (Glass)

- Glass flasks with a narrow neck with a fitting cap, a swan neck or a jet dispenser
- Capacity – 300-500ml
- Clear glass/Amber Glass



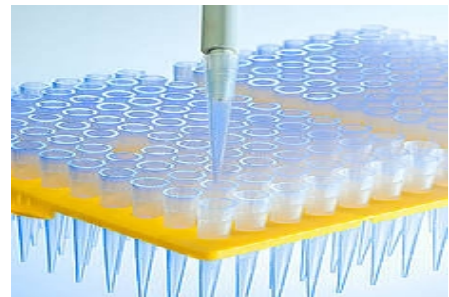
4.18 - Staining Rack



- 2 glass rods with rubber or silicon tubes
- U bend at the ends.
- Length 15 inches.
- Width 2 - 2.5 inches

4.19 - Tips for Automatic Pipette, Blue

- Tips for pipette, Blue
- Available in capacity:
 - 100-1000 μ l, blue
 - 1000-5000 μ l, blue



4.20 - Tips for Automatic Pipette, Yellow



- Tips for pipette, Yellow, Sterile
- Available in capacity:
 - 2-200 μ l
 - 5-200 μ l

4.21 - Tips, Pipette

- Plastic Pipette tips
- Available in sizes : 10 μ l , 20 μ l, 2-200 μ l, 250 μ l, 100-1000 μ l, 50-1000 μ l



5. MEDICAL AND CLINICAL SUPPLIES

5.1 - Bandage hydrophilic, w.o.w (5cmx10m, 7.5cmx10m, 10cmx10m)



- Hydrophilic, 100% cotton
- size: 5cmx10m, 7.5cmx10m, 10cmx10m
- Non-sterile

5.2 - Cotton Wool, Absorbent, 500g

- 100% pure absorbent cotton, bleached to a good white, free from leaf, seeds and other impurities.
- Cotton is rolled equally throughout each layer. Non-sterile.
- Conforms to BP/USP
- Weight: 500g Roll.



5.3 - Gauze Bandage Pad, Sterile



- Compressed gauze made of 100% whitened and purified cotton, edge folded, 12ply, Sterile, individually packed.
- Available Sizes: 2" (5x5cm) , 4"(10x10cm)

5.4 - Gauze Bandage Pad, Non-Sterile

- Compressed gauze made of 100% whitened and purified cotton, edge folded, 12ply, Non- Sterile
- Available Sizes: 2" (5x5cm) , 4"(10x10cm)



5.5 - Plaster for Small Wounds



- The material is breathable and is water-repellent.
- The non-stick wound pad protects and cushions the wound.
- The strong adhesion ensures that the plaster stays in place.
- Individually packed for single use purpose.

6. MEDICAL DEVICES

6.1 - Blood Pressure Set (Aneroid type)

- Sphygmomanometer (Aneroid type)
- Measurement range- non-stop pin manometer range up to 300mmHG
- Adult standard BP cuff with 2-tube adult size bladder, air releaser valve with spring, standard end valve
- Storage case



6.2 - Blood Pressure Set (Mercury Type)



- Sphygmomanometer (Mercury Type)
- Measurement range- up to 300mmHg
- Glass Tube (3mm)
- Adult standard BP cuff with 2-tube adult size bladder, air releaser valve with spring, standard end valve

6.3 - Clinical Thermometer

- For oral use
- Temperature Range: 35 – 42 in C scale or 94-108 in F scale
- Accuracy: 0.1 in C or 0.2 in F
- Subdivision: 0.1 in C scale or 0.2 in F scale
- Mercury liquid
- With plastic case



6.4 - Digital Thermometer



- Thermometer for human body
- Digital display
- Measurement range 32.0-42.0°C
- Measuring unit - both Celsius and Fahrenheit
- Measurement Time – within 30 seconds
- Display format, three unit digital display by liquid crystal display elements with automatic on-off switch
- Memory - Keep the last testing result
- Battery: disposable after 10,000 times Storage case

6.5 - Pen Torch

- Super Flash mate (with 2 battery)
- Light weight single
- To be used for clinical examination



6.6 - Sthetoscope



- Double Head, Light weight, Chrome-plated Zinc Alloy Chest Piece, Screw-on retaining ring, Internal spring binaural, Matched tubing, non-chill ring

6.7 - Weighing Machine

- Capacity 120 kg/150 gms, displayed in kg and lb, easy to read, portable,
- Accuracy +/- 50 gms
- Platform: Approximate 350x350mm, sturdy mechanical structure to withstand heavy objects



7. MEDICAL SUPPLIES

7.1 - Alcohol Swab



- Individually packed and saturated with 70% isopropyl alcohol,
- Well suited for skin preparation before needle insertion.

7.2 - Blood Lancets, Disposable

- Stainless steel, disposable, sterile and individually packed.



7.3 - Bottle Top Dispenser



- Dispenser, 1-10 ml, with 28, 40, 45 mm adapters for bottom top dispenser to be used in Methadone dose taking.
- Bottle-top dispenser with 1-10 ml version and with 3 bottle-neck adapters in 28mm, 40mm and 45 mm.

7.4 - Face Mask, Surgical, Disposable, with Metal Nose Piece

- Material: Non-Woven Polypropylene, elastic ear loop & tie-on bands, with metal nose clip
- feature: lightweight, odorless, fiberglass free, non-irritating to the skin, fluid resistant
- BFE > 95%.



7.5 - Glove, Examination, Disposable, Non Sterile, Latex (Small, Medium, Large)



- Material: Natural high quality rubber latex
- Waterproof, Stretchable & durable, smooth surface, low protein
- Beaded cuff, textured fingers
- Non-Sterile, disposable. powder free
- Size: (Small, Medium, Large)

7.6 - Gloves, Examination, Disposable, Non Sterile, Plastic

- Made from LDPE/HDPE plastic
- Non-sterile, Disposable



7.7 - Gloves, Examination, Disposable, Non-Sterile, Vinyl (Small, Medium, Large)



- Material: Polyvinyl chloride (PVC) and latex-free
- Waterproof. Stretchable
- Non-Sterile. Disposable
- Size: (Small, Medium, Large)

7.8 - Gloves, Rubber, Reusable, Large (Elbow Length), Pair

- Reusable, large (elbow length)
- Made of Nature Latex
- For household protection and service work use
- Non-sterile



7.9 - Hand Lens Magnifiers / Jeweller Loupes



- Lens: 0.63" (15.8mm), made from pure optical glass, free of internal flaws with lens surfaces finished to precision optics standards without wave or other surface defects that could distort images and Lens sides coated to block out all glare
- Magnifier: Hastings magnifier, 10X, Focus: 1.0" (25.4mm)
- Desired features: Including Swing-away nickel plated case to protect lens and serves as a handle.

7.10 - Lancing Devices

- Easy-to-use ergonomic design, Glide control for more precise lancing
- 5 depth settings allow for personal comfort
- Fully Compatible for 28 G lancets

7.11 - N-95 Respirators (Small Size)

- It covers approximately 4.25" (height) x 5.0" (width) of face
- Non-oil aerosol type
- Minimum 95% Bacterial Filtration Efficiency
- Fluid resistant
- No natural rubber latex components
- Collapse resistant cup shape design
- Braided headbands, cushioning nose foam and light weight comfortable wear.



7.12 - N-95 Respirators (Medium Size)

- It covers approximately 4.825" (height) x 5.25" (width) of face
- Non-oil aerosol type
- Minimum 95% Bacterial Filtration Efficiency
- Fluid resistant
- No natural rubber latex components
- Collapse resistant cup shape design
- Braided headbands, cushioning nose foam and light weight comfortable wear.

7.13 - Operation Cap



- Non-woven fabrics, with soft back elastic
- Disposable

7.14 - Plastic Apron

- Disposable sterilized Apron
- Material: High quality Plastic resistant to water and chemical
- Size: Approximate 28"(W) x 46" (H), Medium



7.15 - Plastic Drape Sheet



- Plastic drape sheet for sterile draping of patient and theatre equipment
- 2ply, three-layered material, upper layer non-woven, impermeable to moisture and bacteria, abrasion resistant and low linting
- Sterile
- Size: Approximate 90x150.cm

7.16 - Safety Box, to Dispose used Syringes & Needles

- Volume 5L, WHO prequalified



7.17 - Tape, Adhesive, Roll



- Material: Acetate Silk Tape, well adhesive capability, hypo allergic to skin, breathable, easy-tear,
- Size: Approximate 2.5 cm x 5 m.

8. RADIOLOGICAL SUPPLIES

8.1 - X-ray film (10" x 12")

- For routing diagnosis of TB, Size No. 2, (Blue Type), Non-Interleaf, 100 sheets/pack

8.2 - X-ray film (12" x 15")

- For routing diagnosis of TB, Size No. 1, (Blue Type), Non-Interleaf, 100 sheets/pack

8.3 - X-Ray Film Developer

- Chemical solution to develop the image on X-Ray Film.
- 5L Concentrate Solution in one Bottle, Pack of 4 bottles of 5L

8.4 - X-Ray Film Fixer

- Chemical solution to fix the image on X-Ray film developed by developer solution.
- 5L Concentrate Solution in one Bottle, Pack of 4 bottles of 5L

9. SYRINGES AND NEEDLES

9.1 - Needle, Sterile, Disposable (Size: 18-26 G)

- Individually blister packed
- Sterile, Disposable, ready for use
- Size available in:
 - 18G x 1.1/2" (1.2x38mm)
 - 19G x 1.1/2" (1.1x38mm)
 - 20G x 1.1/2" (0.9x38mm)
 - 21G x 1.1/2" (0.8x38mm)
 - 22G x 1.1/4" (0.7x32mm)
 - 23G x 1" (0.6x25mm)
 - 23G x 1.1/4" (0.6x30mm)
 - 24G x 1" (0.55x25mm)
 - 25G x 5/8" (0.5x16mm)
 - 26G x 1/2" (0.45x12mm)



9.2 - Syringe 3 ml with 21/23 G Needle



- Capacity: 3 ml.
- Graduated scale on the barrel, with graduations intervals 0.1 ml.
- Needles will be of specific gauge and material will be of stainless steel.
- Needle with base (conical Luer type fitting) and protecting cap plastic.
- Material of construction of syringes: Polyethylene (PEF) or polypropylene (PP). Syringes will be Disposable and are Sterile

9.3 - Syringe 5 ml with 21/ 23 G Needle

- Capacity: 5 ml.
- Graduated scale on the barrel, with graduations intervals 0.2 ml.
- Needles will be of specific gauge and material will be of stainless steel.
- Needle with base (conical Luer type fitting) and protecting cap plastic
- Material of construction of syringes: Polyethylene (PEF) or polypropylene (PP). Syringes will be Disposable and are Sterile.



9.4 - Syringe 10 ml with 21/23 G Needle

- Capacity: 10 ml.
- Graduated scale on the barrel, with graduations intervals 0.5 ml.
- Needles will be of specific gauge and material will be of stainless steel.
- Needle with base (conical Luer type fitting) and protecting cap plastic
- Material of construction of syringes: Polyethylene (PEF) or polypropylene (PP). Syringes will be Disposable and are Sterile.



9.5 - Syringe 20 ml with 23 G Needle

- Capacity: 20 ml.
- Graduated scale on the barrel, with graduations intervals 1 ml.
- Needles will be of specific gauge and material will be of stainless steel.
- Needle with base (conical Luer type fitting) and protecting cap plastic
- Material of construction of syringes: Polyethylene (PEF) or polypropylene (PP). Syringes will be Disposable and are Sterile.



9.6 - Tuberculin Syringe 1ml



- Capacity - 1 ml, Disposable sterile syringe calibrated in tenth with a short 1/4 to 1/2 inch, 26 or 27 gauge needle, individually packaged.
- Polypropylene barrel and plunger rod, latex free plunger tip