



S/N	Item Description	specifications
L.110.54.12	DEIONIZER	<ul style="list-style-type: none">• Process: single pass ro system or Double pass ro system• output of pure water $\geq 10\text{L/h}$• Conductivity at 25°C (type III water) $\leq 10\mu\text{s/cm}$ or $\leq 5\mu\text{s/cm}$• PH 5.0-7.5• Oxidizable (as O) $\leq 0.4\text{mg/l}$• Evaporation residue $\leq 2.0\text{mg/l}$• Electrical requirements 220V/50HZ• Power $\geq 100\text{W}$ $\geq 150\text{W}$
L.161.54.114	FUME HOOD	<p>Fume hood structure should consist of</p> <ul style="list-style-type: none">- Structure frame in min. 2.0 mm thick GI construction.Phenolic resin construction.- Outer panels in min. 1.2 mm thick GI construction.- Aerodynamic Shape front posts, in GI construction.- Streamlined shaped exhaust duct collar in PP construction.- Combination type, Frameless designSash in toughened glass construction with full length sash handle in anodized Aluminum construction.- Interior construction should be Chemical and heat resistant, smooth finish, easily cleanable panels.<ul style="list-style-type: none">• Fume hood Worktop• Service Valves• Electrical Services with internal wiring.• Fume hood under structure• Fume Hood Sash• Baffle Design• Fume hood under-cabinets –• Temperature Indicators with temperature sensor.• Airflow monitor
L.161.54.148	SPECTROPHOTOMETER - UV/VIS SCANNING	<p>Scanning Spectrophotometers Uv-vis</p> <ul style="list-style-type: none">• Wavelength range: 190-1100nm• Spectral bandwidth: 4nm/2nm/1.8• Wavelength accuracy $\pm 0.5\text{nm}$• Scan speed Hi, Med, Low, Max.3000nm/min



		<p>Included:</p> <ul style="list-style-type: none"> • Cell Holder 4-position 10mm • 2pcs x 10mm Quartz Cuvette • 4pcs x 10mm Glass-Cuvette • Software • User Manual & Software Manual • Professional software provides complete control of the spectrophotometer from a Computer through the Built-in USB port. • Professional software functions: Quantitative, Kinetics, Wavelength Scan, Multi-wavelength & DNA/Protein Test.
L.161.54.181	warmer slide	<ul style="list-style-type: none"> • up to 80 °C for slide warmer • Capacity 30 microslides • microprocessor, programming of temperature, working day, working time, time and date • 230 V; 50/60 Hz, Pmax: 300 W
L.161.54.182	MICRO-CENTRIFUGE - REFRIGERATED - TABLETOP	<ul style="list-style-type: none"> • Max Capacity: 4x1000ml • Maximum Speed: Above 15000 RPM • Maximum RCF: 25000 to 26000xg • CE, UL Certified and IVD Compliant, ISO 13485 international standard. • The bucket lids for Swing out rotors • The centrifuge must be able to display both air/chamber temperature as well as temperature in the sample. • Dual Timer mode- At Start and at Speed • The centrifuge must have an option for automatic lid opening at the end of the run. • The centrifuge must have capability of password protection for the programs. • The centrifuge must have capability of password protection for lid opening. • The centrifuge must be able to display set parameters together with actual values, • The centrifuge must have a minimum of 5 “direct recall” program keys, and capability for up to 99 programs.



		<ul style="list-style-type: none"> • The centrifuge must be supplied with Fixed Angle light weight non-corrosive Rotor capable of running a minimum of 6 x 250 ml bottles at speeds of at least 18500 x g. The rotor should be warranted for 12 to 15 years. • The centrifuge must be supplied with Fixed Angle light weight non-corrosive Rotor capable of running a minimum of 8 x 50 ml conical tubes at speeds of at least 24000 x g. The rotor should be warranted for 12 to 15 years, adaptors for 15 ml should be included. • The centrifuge must be supplied with Fixed Angle light weight non-corrosive Rotor capable of running a minimum of 48 x 2 ml microtubes at speeds of at least 25000 x g. The rotor should be warranted for 12 to 15 years. • The centrifuge must be capable of running two deep well filtration plates (85 mm high) under certified sealed conditions at above 6000 x g.
L.161.54.183	INCUBATOR - CO2 - WATER JACKETED	<ul style="list-style-type: none"> • Volume 190 L (6.7 cu. ft) • Interior Dimensions 19x19x25 in • Temperature Range 8°C above ambient to 60°C • Temperature Control $\pm 0.1^{\circ}\text{C}$ • Temperature Uniformity $\pm 0.25^{\circ}\text{C}$ at 37°C • Temperature Recovery 2 minutes to 37°C • CO2 Range 0 to 20% • CO2 Uniformity ± 0.25 at 5% • Interior construction stainless steel • Electrical 220V, 50/60Hz
L.161.54.184	BATH - WATER	<ul style="list-style-type: none"> • Approximately 6 liters in capacity. With digital temperature setting and display in steps of 0.1°C.



		<ul style="list-style-type: none"> • Temperature ranges from approx. 5°C above ambient to 100°C. Temperature constancy (temporal) approx. +/- 0.5°C. • 230V, 50Hz.
L.161.54.66	ANALYSER - ELISA - AUTOMATIC	<ul style="list-style-type: none"> • Fully automated analyzer medium throughput • Minimum capacity 2 plate reader • Continuous loading of samples, reagents and plates • Should have minimum 8 filter wheel capacity with 415, 450, 490, 595, 655, and 750 nm included filters • Barcode identification for samples and reagents • Should be able to store data for over sixty assay protocols • Supplied with PC
LAB.001.063	COLD ROOM/FREEZER - WALK-IN TYPE - 2M X 2M	<p>Room Material Specifications:</p> <ul style="list-style-type: none"> • Insulation: CFC Free, Rigid Injected Polyurethane Foam. • Density: 42 kg/m³. • Thickness: 80mm (+0 temp Rooms), 80mm (-0 temp Rooms) • Cladding: 06 mm P.V.C coating anti-bacterial • Fire Rating: Meets redundancy requirements based on DIN 4102 class B3 and according to ASTM class B3 and ISO 3582. • Construction: Panels are joined together by two systems Male-Female + Cam-Lock. • Flooring: Panel Flooring: 80mm insulated panels with 1.5mm Checkered Aluminum on top Floorless: 50mm insulation foam with 100mm concrete slab on the top • Doors: To supply single left/right hinged manual door with. All fittings including rubber gasket Internal Safety Handles are to be standard white or special order of any suitable color. Door



		<p>hinges rise the door body as they open so as not to rub the floor and fall as they close to insure no thermal leakage and full insulation. As a safety measure the door handles illuminate from inside the room to help worker reach to handle immediately if the door suddenly closes and lights go out. Wall-Ceiling Joints are designed with hygienic monolithic arrangement with no sharp edges to avoid an accumulation of dirt and germs (look above PVC cove and angle).</p> <ul style="list-style-type: none">• Lighting: Heavy Duty, Waterproof, Low Energy, Florescent Lighting. <p>Cooling Material Specifications:</p> <ul style="list-style-type: none">• Condensing units: mono block• Evaporator• Refrigerant: R-404• Electrical Rating: 380v/3ph
LAB.001.066	PATHOLOGY FRIDGE	<ul style="list-style-type: none">• Temperature control 1°C ~ 10°C• Wide 4" LCD display & alarm system• Inner surface of medical grade compression molded plastic• Outer body of high grade polished galvanized steel• Automatic defrost mechanism• Energy efficient due to insulation of high core density• Uniform cooling by forced air circulation• Adjustable coated wire mesh shelves• Clear product visibility with dual glass door
L.161.54.60	AGITATOR - PLATELET - WITH INCUBATOR	<ul style="list-style-type: none">• provides continuous agitation to ensure no platelet aggregation
L.161.54.63	ANALYSER - BLOOD GAS - ELECTROLYTE	<ul style="list-style-type: none">• Measures the Blood Gases (pH, PCO₂, PO₂) in addition to the Electrolytes (Na⁺, K⁺, Cl⁻ and Ca²⁺)
L.161.54.64	ANALYSER - CLINICAL CHEMISTRY - AUTOMATED	<ul style="list-style-type: none">• Bench Top or Stand Alone, fully Automated



		<ul style="list-style-type: none"> throughput: more than 100 tests/hour Open reagent system
L.161.54.65	ANALYSER - COAGULATION	<ul style="list-style-type: none"> Bench Top fully automated Performs PT, PTT, fibrinogen, TT, D-Dimer, INR
L.161.54.66	ANALYSER - ELISA - AUTOMATIC -	<ul style="list-style-type: none"> Fully Automated ELIZA Analyzer minimum 2 microplates capacity built in washer, incubator and reader
L.161.54.67	ANALYSER - HAEMATOLOGY - 22 PARAMETERS - 5-PART DIFF	<ul style="list-style-type: none"> Fully Automated minimum 22 parameters, 5-part differential with autosampler minimum sample volume for pediatric: to be specified
L.161.54.68	ANALYSER - IMMUNOLOGY - AUTOMATED	<ul style="list-style-type: none"> Measurement principle: Chemiluminescence Throughput: not less than 100 tests/hour performs a large test menu, the reagents panel should be included in the offer
L.161.54.69	ANALYSER - SEDIMENTATION ESR	<ul style="list-style-type: none"> Automated ESR suitable for pediatric samples high correlation with the Westergren method
L.161.54.70	ANALYSER - URINE - AUTOMATED	<ul style="list-style-type: none"> Bench Top, Automated urine strip reader throughput: not less than 100 tests/hour built in printer
L.161.54.62	ANALYSER LAB - MICROBIOLOGY & SENSIVITY	<ul style="list-style-type: none"> Compact System for Bacterial identification and antibiotic susceptibility test Capacity: 15 cards Provide results in maximum 8 hours
L.161.54.61	ANALYSER LAB BLOOD CULTURE	<ul style="list-style-type: none"> Automated microbial detection system Continuous bottle recognition system Capacity: 50-60 bottles modular system
L.161.54.71	ANALYSERS - BLOOD TYPING	Centrifuge, diluter, incubator and reader to perform the Blood Grouping



L.101.03.06	ANALYZER - BLOOD GAS WITH ELECTROLYTES STAT FOR ICU	<ul style="list-style-type: none">• Point Of Care machine• Measures the Blood Gases (pH, PCO₂, PO₂) in addition to the Electrolytes (Na⁺, K⁺, Cl⁻ and Ca²⁺)• syringe and capillary sampling• Calculated parameters: Bicarbonates, Base excess, tCO₂, etc.
L.161.54.72	ANALYZER - HAEMATOLGY - 18 PARAMETERS - 3-PART DIFF	<ul style="list-style-type: none">• Automated• minimum sample volume for pediatric: to be specified
L.161.54.148	Analyzer Chemistry	equivalent to Cobas C111 Roche as per the doctor recommendation
L.161.54.73	APPARATUS - DISTILLING - WATER - 20 L/H	<ul style="list-style-type: none">• Produce highly treated and disinfected water.• Heavy duty & compatible design.• Automatically switches off when the process is finished• The distilled water is collected in a storage tank.
L.161.54.74	AUTOCLAVE - UNIVERSAL	<ul style="list-style-type: none">• Automatic microprocessor controlled• Capacity up to 60 L• Temperature from 50oC to 150oC
L.161.54.75	AUTOMATED TISSU PROCESSOR	<ul style="list-style-type: none">• Floor Standing• Integrated fume control system to protect the operator and the tissue specimen• Vacuum Function or Filter for more safety• more than 100 cassettes
L.161.54.77	BALANCE - LAB	<ul style="list-style-type: none">• From 0.1 up to 5 kg• Electronic control and digital reading• Readability 0.1
L.161.54.78	BALANCE - PRECISION	<ul style="list-style-type: none">• Electronic Balance• Maximum capacity 2200g• Readability 0.01 g
L.161.54.80	BATH - WATER - PRECISION - 14 L	<ul style="list-style-type: none">• Laboratory water bath with lid• Temperature range: 1oC above ambient up to 100oC• Safety cut-off device for overheating protection
L.161.54.81	BATH - WATER - TISSUE FLOATATION	<ul style="list-style-type: none">• Digital Display• Removable glass dish• Optimal Specimen Viewing
L.161.54.79	BATH WATER - SHAKING	<ul style="list-style-type: none">• Laboratory water bath with lid• Capacity 10-15 L• Temperature range: 1oC above ambient up to 100oC



		<ul style="list-style-type: none"> • Safety cut-off device for overheating protection
L.161.54.82	BLOOD BANK REFRIGERATOR	<ul style="list-style-type: none"> • Used for the storage of the whole blood bags • Capacity of minimum 70 bags • equipped with shelves • Temp from +2oC to +10oC • Supplied with chart recorder and audible alarm for temperature variation
L.161.54.83	BOX. RHESUS TYPING	warming box for Rh Blood Typing slides
L.161.54.86	CABINET - FILING - 4 DRAWERS - 0 -50 M	Cabinet, filing, 4 drawers, 0,50 m
L.161.54.84	CABINET METAL - DOUBLE DOOR - 1 -00 M	
L.161.54.90	CENTRIFUGE - BLOOD BANK	<ul style="list-style-type: none"> • Floor Standing, refrigerated • swinging bucket rotor, 4 places • Bidder should include in his offer the buckets suitable for single, duplicate, triplicate and quadruplicate blood bags
L.161.54.91	CENTRIFUGE - BLOOD CELL WASHING	<ul style="list-style-type: none"> • Automatic Cell washing system • 24-place rotor • max rpm 3,500
L.161.54.93	CENTRIFUGE - GENERAL USE	<ul style="list-style-type: none"> • Bench Top centrifuge • microprocessor controlled • programmable speed • supplied with buckets to fit tubes: 5ml, 7ml, 10ml
L.161.54.94	CENTRIFUGE - HAEMATOCRIT	<ul style="list-style-type: none"> • Bench top with hematocrit rotor • speed adjustable: 2000 to 13000 rpm • capacity: 24 capillary tubes
L.161.54.95	CENTRIFUGE - REFRIGERATED	<ul style="list-style-type: none"> • Bench Top, refrigerated • swing-out rotor 4000 rpm, programmable time and speed • digital display, door safety interlock • supplied with buckets to fit tubes: 5ml, 7ml, 10ml • minimum capacity 28 tubes
L.161.54.97	CHAIR - STACKABLE - WITH ARMRESTS	Chair, stackable, with armrests
L.161.54.96	CHAIR TYPIST - HEIGHT ADJUSTABLE	Chair typist, height adjustable
L.161.54.98	COLD PLATE	<ul style="list-style-type: none"> • Hold more than 60 cassettes • Visible temperature, range -15 to +15
L.161.54.101	CYTOCENTRIFUGE	<ul style="list-style-type: none"> • Benchtop Centrifuge • processes minimum 8 specimen • RPM up to 2,500 • supplied with the cytoholders
L.161.54.102	DESK OFFICE - DOUBLE PEDESTAL - 1 -60 X 0 -80 M	



L.161.54.100	DIGITAL COUNTER FOR BLOOD CELL DIFFERENTIAL	<ul style="list-style-type: none">• Digital differential counter with LCD window• Audible click sounds for each button pushed• 8 buttons- 8 named• Pictures of blood cells next to each button
L.161.54.103	DILUTER / DISPENSER - MANUAL (SET OF 2)	manual dispenser for dilution
L.161.54.104	DISPOSABLE COMPLET SET A	Slides with covers/ Pipette Tips/ Blood Tubes/ disinfectant solution
L.161.54.163	DISPOSABLE COMPLET SET B	Slides with covers/ Pipette Tips/ Blood Tubes/ disinfectant solution/ sterile cups for urine and stool
L.161.54.164	DISPOSABLE COMPLET SET C	Slides with covers/ Pipette Tips/ Blood Tubes/ disinfectant solution/ sterile loops/ plates for culture media/ sterile swabs/ sterile cups for urine and stool
L.161.54.105	DISTILLING APPARATUS - 8 L/H	<ul style="list-style-type: none">• Produce highly treated and disinfected water.• Heavy duty & compatible design.• Automatically switches off when the process is finished• The distilled water is collected in a storage tank.
L.161.54.106	DRYING CABINET - LABORATORY GLASSWARE	<ul style="list-style-type: none">• Drying and storing the glassware• Volume: more than 150 L
L.161.54.107	ELECTROPHORESIS UNIT - WITH DENSITOMETER	<ul style="list-style-type: none">• Electrophoresis and densitometer• low throughput
L.161.54.108	EMBEDDING ACCESSORIES - TISSUE - SET	<ul style="list-style-type: none">• Embedding Cassettes with attached Lid totally resistant to solvents• Foam biopsy pads• Reagents resistant marking pen• Blades
L.161.54.109	EMBEDDING CENTER - TISSUE	<ul style="list-style-type: none">• Paraffine reservoir 3-5 L• Adjustable temperature range: 50-700 C• Clear Lid for monitoring and refilling the paraffin level• Capacity: more than 10 cassettes
L.161.54.110	EMERGENCY SHOWER AND EYE WASH	<ul style="list-style-type: none">• Full Body Shower with pull bar• Eye wash sink• should be activated in 1 second and remains operational without the operator's hand on the valve.
L.161.54.139	ESR MANUAL -WESTERGREN	ESR Westergren Tubes with the holder



L.161.54.111	EXTRACTOR - BLOOD COMPONENTS	<ul style="list-style-type: none"> • Automatic Blood Component Extractor • Safe system to protect operator • multiple detection system • automatic calibration of scales and detectors
L.161.54.113	FREEZER - BLOOD PLASMA	<ul style="list-style-type: none"> • Used for the storage of the fresh frozen plasma • Capacity of minimum 50 bags • equipped with drawers • Temp from -15oC to -40oC • Supplied with chart recorder and audible alarm for temperature variation
L.161.54.112	FREEZER 100 L	<ul style="list-style-type: none"> • Solid door • Adjustable temperature -14 to -20 • 100 L, supplied with shelves • Digital temperature display • Supplied with chart recorder and audible alarm for temperature variation
L.161.54.121	HAEMOGLOBIN METER - MICRO-CUVETTE	<ul style="list-style-type: none"> • Heavy duty and compatible design • Light source: LED, adjusted to specified wavelength • minimum sample volume should be stated • Measuring range: 0 – 30 g / dl
L.161.54.115	HOOK CLOTHES - METAL - 3 HOOKS	Hook, clothes, metal, 3 hooks
L.161.54.153	HOT PLATE- SMALL	<ul style="list-style-type: none"> • Tabletop Hot plate for drying the paraffine tissue sections • Adaptable to different slides sizes
L.161.54.116	INCINERATOR SMALL	<ul style="list-style-type: none"> • Benchtop (similar use to bec bensen) • Electrical • For inoculating loop and multiple applications (slide fixation, tubes sterilization)
L.161.54.166	INCUBATOR - 80 L	<ul style="list-style-type: none"> • With display and alarm facilities • Capacity up to 80 L • Temperature 50C above ambient up to 600C
L.161.54.167	INCUBATOR - GENERAL PURPOSE - 100 L	<ul style="list-style-type: none"> • With display and alarm facilities • Capacity up to 100 L • Temperature 50C above ambient up to 600C
L.161.54.117	JAR - ANAEROBIC	<ul style="list-style-type: none"> • Jar capacity minimum 9 plates • Stainless Steel
L.161.54.118	LABELLING MACHINE	<ul style="list-style-type: none"> • Automated • for tubes, slides, cups, etc. • tabletop



L.161.54.119	LIGHT - FLUORESCENT	<ul style="list-style-type: none"> • Fluorescent light with magnifier • Wall mounted or tabletop
L.161.54.120	MANUAL SLIDE STAINING SET	<ul style="list-style-type: none"> • a complete set • capacity: 12 slides • provide a total slide immersion
L.110.51.53	MICROPIPETTE (A)- Manual- SET 4 Sizes	Variable volume with tip ejector complete set including: <ul style="list-style-type: none"> • 0.1- 2 μl / 0.5- 10 μl / 10-100 μl / 100-1000 μl • Rack and 1 box of tips
L.161.54.123	MICROSCOPE - BINOCULAR - LED	<ul style="list-style-type: none"> • Binocular viewing head • LED illumination system • 4 objectives plan achromatic and interchangeable: 5x, 10x, 40x, 100x
L.161.54.124	MICROSCOPE - FLUORESCENT	<ul style="list-style-type: none"> • Fluorescent brightfield and phase contrast • Binocular
L.161.54.122	MICROSCOPE - Trinocular with Camera	<ul style="list-style-type: none"> • Trinocular viewing head • equipped with a camera • LED illumination system • 5 objectives plan achromatic and interchangeable
L.161.54.125	MICROTOME	<ul style="list-style-type: none"> • Rotary, Semi-motorized • Fine Orientation with Zero positioning • Two sections: Thickness and trimming, easy to alternate
L.161.54.99	NEUBAUER CELL	for manual blood cell count
L.161.54.127	ORGANIZER - SLIDES	<ul style="list-style-type: none"> • Storage Cabinet for slides and cassettes • 7 drawers
L.161.54.128	OVEN - UNIVERSAL	<ul style="list-style-type: none"> • Automatic microprocessor controlled • Capacity up to 60 L • Temperature from 50oC to 250oC
L.161.54.76	PCR AUTOMATIC EXTRACTOR	<ul style="list-style-type: none"> • Automatic extraction of DNA, RNA • Magnetic bead technology
L.161.54.89	PCR CENTRIFUGE	High speed mini centrifuge
L.161.54.85	PCR SAFETY CABINET PREPARATION	<ul style="list-style-type: none"> • Bench top safety cabinet • equipped with a UV lamp
L.161.54.130	PCR THERMOCYCLER	<ul style="list-style-type: none"> • Automatic • 96 wells
L.161.54.131	PIPETTE (B) - MANUAL - SET 4 SIZES	Variable volume with tip ejector complete set including: <ul style="list-style-type: none"> • 5- 50 μl / 20- 200 μl / 100-1000 μl / 1-10 ml • Rack and 1 box of tips
L.161.54.132	PLATE - BLOOD TYPING/GROUPING	white plate for manual determination of the Blood Grouping



L.161.54.133	PLATELET AGGREGATION ANALYZER	<ul style="list-style-type: none"> • Single Channel • minimum sample volume: to be specified
L.161.54.129	Real Time PCR	<ul style="list-style-type: none"> • Fluorescence detection • Real Time PCR detection • Capacity: 96 wells
L.161.54.135	REFRIGERATOR - LABORATORY	<ul style="list-style-type: none"> • Glass door • Adjustable temperature +2 to +10 • 370 L, supplied with shelves • Digital temperature display • Supplied with chart recorder and audible alarm for temperature variation
L.161.54.134	REFRIGERATOR 500 L	<ul style="list-style-type: none"> • Glass door • 500 L, supplied with shelves • Adjustable temperature +2 to +10 • Digital temperature display • Supplied with chart recorder and audible alarm for temperature variation
L.161.54.136	REFRIGERATOR/FREEZER - LABORATORY	<ul style="list-style-type: none"> • 300 L for Refrigerator (Temp +2oC to +8oC) • 100 L for Freezer (Temp -14oC to -20oC) • Supplied with chart recorder and audible alarm for temperature variation
L.161.54.138	ROLLER/MIXER - TEST TUBES	<ul style="list-style-type: none"> • Suitable for mixing blood tubes • speed ranging from 10 to 100 rpm • up to 2 Kg
L.161.54.88	SAFETY CABINET - CLASS II Type B2	<ul style="list-style-type: none"> • Class II Type B2 • 100% air exhausted • HEPA filter system and UV light
L.161.54.87	SAFETY CABINET - COMPLETE WITH ALL SERVICES - 1.20 M - WITH FAN	<ul style="list-style-type: none"> • Safety Cabinet Class II • Monitoring of exhaust • ensure safety to the operator and the product • HEPA Filter
L.161.54.114	Safety Cabinet- Class II Type A2	<ul style="list-style-type: none"> • Provide protection for personal and product • equipped with a HEPA filter
L.161.54.140	SET - BLOOD BAG MIXING/EXTRACTING/SEALING/SCALING	<ul style="list-style-type: none"> • Mixer with scaling: automatic taring, continuous of bag agitation • hand stripping • hand sealing
L.161.54.141	SET - GLASSWARE - LABORATORY	Containing: Measuring Cylinder (50, 100, 250 & 1000ml)/ Beaker Graduated (50, 100, 250ml)/ Erlenmeyer flask graduated (50, 100, 250 & 500ml)/



		Volumetric Flask (100, 250 & 500ml)/ Funnel 80-100 mm/ watch glass
L.161.54.142	SET - RACKS - TEST TUBES	rack to hold the tubes
L.161.54.143	SHAKER - WITH ACCESSORIES	<ul style="list-style-type: none"> • Orbital Shaker • Speed from 50 to 250 rpm • maximum load 5 kg • to include holders for tubes and holders for flask
L.161.54.144	SHARPS CONTAINER 4 L	small, on the counter 3 to 4 L
L.161.54.145	SHELF - ST. ST. MESH WIRE - 5 LEVELS - ADD-ON - 1.00 M	
L.161.54.146	SHELF - ST. ST. MESH WIRE - 5 LEVELS - STARTER - 1.00 M	
L.161.54.147	SMALL CENTRIFUGE FOR URINE	<ul style="list-style-type: none"> • Small benchtop centrifuge for urine • fixed angle rotor, 8 places for 15 ml tubes • 6000 rpm
L.161.54.149	STAINING REAGENTS FOR HAEMATOLOGY SLIDES	Set of Reagents for hematology slide staining
L.161.54.150	STAINING REAGENTS SET- TISSUE SLIDES	<ul style="list-style-type: none"> • Staining Set including all the needed reagents for staining • one box of tissues slides
L.161.54.151	STIRRER - HOTPLATE - ELECTRIC	<ul style="list-style-type: none"> • Magnetic stirrer with Hot Plate • Heat and speed control • Stirring Volume: up to 5 L
L.161.54.152	STOOL	<ul style="list-style-type: none"> • Height adjustable with gas spring • mobile, with back support
L.161.54.154	THAWER - PLASMA	<ul style="list-style-type: none"> • Bench Top Plasma Thawer • capacity: 4 bags • programmable temperature range
L.161.54.155	TIMER - INTERVAL	<ul style="list-style-type: none"> • Tabletop, for laboratory use • resistance and moisture proof
L.161.54.156	TROLLEY - BLOOD COLLECTION	
L.161.54.157	TROLLEY - LABORATORY	for the transportation of laboratory glassware
LAB.064	TROLLEY, BLOOD COLLECTION	Trolley for Blood collection - with 3 drawers minimum
L.161.54.158	VIEWER AGGLUTINATION	provides a magnified view of the undersurface of test tube contents
L.112.57.64	VORTEX MIXER	<ul style="list-style-type: none"> • Touch and continuous operation mode • Rotation speed 0-3000 rpm • for test tubes
L.161.54.160	WASHER/DISINFECTOR - GLASSWARE - LABORATORY - MEDIUM	<ul style="list-style-type: none"> • Basic Glassware washer • Antibacterial Thermal disinfection:



		minimum temperature 85oC • Basket Volume: more than 150 L
L.161.54.161	WASTE CAN - 20-31 GALLONS	Waste can, 20-31 gallons
L.161.54.162	WASTE CAN - BIO-HAZARDOUS	Waste can, Bio-hazardous 15 Gallons
L.161.54.165	WELDER - STERILE TUBING	• Sterile Tubing Connections using Welding Wafer • suitable for all type of connections: dry-dry-, wet-dry or wet-wet • Compact and easy-to-use
L.161.54.173	CENTRIFUGE - TABLETOP	* Bench Top centrifuge • Microprocessor controlled • Programmable speed • Supplied with buckets to fit tubes: 5ml, 7ml, 10ml"
L.161.54.176	MICROSCOPE - LABORATORY	• Binocular viewing head • LED illumination system • 4 objectives plan achromatic and interchangeable: 5x, 10x, 40x, 100x"
L.161.54.171	PH METER- Benchtop	•PH resolution should be up to 3 decimals •Manual and Automatic Buffer Selection •Storage up to 30 results • RS232 connection
L.161.54.172	DIGITAL THERMOMETHER	•Digital Display of Temperature •Temperature range should be up to 50 Degree Celsius •Accuracy is $\pm 1^{\circ}\text{C}$.
L.161.54.173	DRY BATH - INCUBATORS	•Bench Top •Should have stable temperatures and even heating •Should be able to mix and match standard sizes of heat blocks. •Supplied with 12-place for 6-15ml tubes and 4-place for 50ml tubes
L.161.54.175	ANALYZER - SPERM COUNTING - ELECTRONIC	•Fully Automated Test Results • Should cover tests for Sperm concentration, % mobility, % Progressive mobility, %non-progressive mobility, etc. •LCD Display



		<ul style="list-style-type: none"> • Minimum 1 Mn automated testing cycle
L.161.54.176	MICROSCOPE - LABORATORY	<ul style="list-style-type: none"> • Binocular viewing head • LED illumination system • 4 objectives plan achromatic and interchangeable: 5x, 10x, 40x, 100x
L.161.54.177	MICROSCOPE - STEREODISSECTING WITH HEATING EQUIPMENT	<ul style="list-style-type: none"> • Semen Evaluation Microscope with heating stage • laboratory binocular microscope • 10X/20 WF eyepieces with rubber eye guards • Built-in heated stage: Variable digital temp. control and displays actual temperature accurately. Reaches temperature within 5-10 minute • X-Y mechanical stage for precise slide movements • Infinity plan flat-field objectives • Phase 10x, Phase 20x, Phase 40x, Phase 100x • Turret condenser with Phase and Brightfield • Variable LED illumination • trinocular head with camera connections • Includes Blue-green-yellow filters, immersion oil, dust cover
L.161.54.178	CONTAINERS - LIQUID NITROGEN	<ul style="list-style-type: none"> • Multilayer protection for ultimate safety • Double Lock for Extra Safety • Dual monitoring respectively for temperature and liquid level
L.161.54.179	WORKSTATION - IVF	<ul style="list-style-type: none"> • Main Body Construction Electro Galvanized steel • Work Zone should be in SS • Side Walls in Tempered Glass • Filter efficiency should be >99.999% for particle size between 0.1 to 0.3 microns • Approx dimensions 1035 x 640 x 2160 mm
L.161.54.180	TABLE - ANTI-VIBRATION	Should have a mechanism for passive dampening that isolated the



		microscope from vibration during IVF procedures Constructed in SS Tabletop with glass on both sided
L.161.54.181	WARMER - SLIDE	<ul style="list-style-type: none"> •Benchtop with Thick Metal Platform •Capacity 14 slide •Should ensure Stable Temperatures and Even Heating •Digital temperature displays programmable in F° or C with PID control
L.161.54.182	MICRO-CENTRIFUGE - REFRIGERATED - TABLETOP	Bench Top, refrigerated swing-out rotor 4000 rpm, programmable time and speed, digital display, door safety interlock, supplied with buckets to fit tubes: 5ml, 7ml, 10ml, minimum capacity 28 tubes
L.161.54.183	INCUBATOR - CO2 - WATER JACKETED	<ul style="list-style-type: none"> •Should be designed to minimize contamination with display and alarm facilities •Capacity up to 80 L •Infrared (IR) CO2_Sensor •Temperature uniformity of +/-0.2°C at 37°C •Data Logging Capabilities •SS Chamber •Autoclavable shelving system
L.161.54.184	BATH - WATER	<ul style="list-style-type: none"> •Laboratory water bath 10 L •Temperature range: 1oC above ambient up to 100oC •Safety cut-off device for overheating protection
L.161.54.185	WORKSTATION - EMBRYO MONITORING - CHAMBER	<ul style="list-style-type: none"> • CO2 incubators for In Vitro Fertilization (IVF). • Built- in in-lines and pressure regulator filter • HEPA/VOC filtered • 6 isolated incubation compartments • Separately alarm function for each chamber • Low gas consumption • CO2 and N2 gas supply • Precise temp., CO2 and O2 control • Optional humidification



		<ul style="list-style-type: none">• 7 sampling ports• Heated lids to prevent evaporation• Integrated gas mixer
L.161.54.186	KARYOTYPING / FISH - AUTOMATED - COMPLETE SYSTEM	<ul style="list-style-type: none">• Karyotyping and FISH modular system used in human cytogenetic studies of chromosomes.• Brightfield microscope. 100X magnification.• Several Metaphase images can be captured• Control of Threshold to improve the captured image quality• Chromosomes automatically classified• multiple classification views to be available: Metaphase view, Karyotype and Unclassified chromosomes• Chromosome prototype can be displayed• Unclassified chromosomes can be automatically corrected, or manually.• Brightness and contrast can be modified and automatically obtained.• FISH module included
L.161.54.187	LIQUID NITROGEN FREEZER - CONTROLLED RATE - COMPUTERIZED	<p>Benchtop</p> <ul style="list-style-type: none">• Should not pose any contamination risk and can be used in cleanrooms and barrier facilities• Precise Control of Cooling Rate• Should ensure optimal recovery of cells upon thawing• Capability to log data for display of cooling profiles• include a UPS system
L.161.54.188	MICROSCOPE - INVERTED - FOR ICSI APPLICATION	<ul style="list-style-type: none">• Microscope inverted used for Intracytoplasmic sperm injection (ICSI)• MICROMANIPULATOR included• Manual, encoded position revolving nosepiece for objectives• Halogen light• Light balancing filter• Frosted Filter• Dust cover• Plan Achromat objective with 4x magnification• Plan Achromat objective with 10x magnification.



		<ul style="list-style-type: none"> • Long working distance Universal plan Fluorite objective with 20x magnification. With variable working distance from 6.6 to 7.8 mm, numerical aperture of 0.45 and variable cover correction from 0 to 2 mm via correction collar. • Long working distance Achromat objective with 40x magnification. With working distance of 1.9 mm, numerical aperture of 0.55 and cover correction of 1 mm. "
L.161.54.189	CELL HARVESTOR	<ul style="list-style-type: none"> • Key Applications are for Cell proliferation assays, Cytotoxicity assays, Receptor binding assays, Nucleic acid degradation • Should be able to harvest samples from 96- and 24-well microplates • Should have Built-in scrubbers-make it easy to detach adherent cells from well bottoms and ensure complete harvesting.
L.161.54.190	TANK - LIQUID NITROGEN - 230L	<p>Store and Transport of Laboratory gases</p> <p>Should have casters and Handle for easy movement</p> <p>Easy to ready Gauge and simple to use Valve</p>