Revised Technical Specifications or PB 18-03-11

Item	Specification	Statement of Compliance
		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1 (a)(ii) and/or GCC Clause 2.1(a)(ii)
1	Seven (7) Units Top loading balance Capacity: 3000-4000g; 0.01g Readability; Weighing Applications: Weighing, Parts Counting, Percent Weighing, Check Weighing, Animal/Dynamic Weighing, Totalization, Density Determination, Display Hold, Mole Weighing; Color Touchscreen Display; Weighing Units: mg, g, kg, ct, N, oz., ozt, dwt, lb, lb: oz., grin, hkt, sgt, twt, tical, tola, Custom unit 1.; 9.2 inches height; AutoCal, Internal calibration; readability; 15 weighing units plus 1 custom unit; Applications include weighing, parts counting, % weighing, dynamic weighing & density determination; Includes RS232 interface (cable	

	cold congretaly) integral cocurity	
	sold separately), integral security bracket, weigh below	
	hook, up-front level indicator and	
	backlit display	
2	Two (2) Units Thermohygrometer	
	Operating Range: 0 °C to 50 °C (32	
	°F to 122 °F); 0	
	%RH to 100 %RH; Calibrated	
	Temperature Accuracy: ±	
	0.125 °C from 16 °C to 24 °C;	
	Calibrated RH Accuracy:	
	±1.5 %RH from 20 %RH to 70 %RH;	
	Inputs: Up to two	
	sensors, measure temperature and	
	relative humidity,	
	detachable, cable-extendable,	
	interchangeable, self-	
	contained calibrations; Alarms:	
	Password-protected	
	visual, audible, and external alarms	
	for temperature,	
	temperature rate, RH, RH rate, and	
	fault conditions;	
	Power: 12 V dc from external 100 to	
	240 V dc power	
	supply; Battery Backup: Standard 9 V	
	battery enables	
	continued measuring during power disruptions	
3	One (1) Unit Moisture probe	
3	Can be used as stand-alone or	
	connected to PC; Range:	
	0.000 to 1.000 Aw (0 to 100% RH);	
	41 to 122F (5 to	
	50C); Operating ambient: 0 to 99%	
	RH	
	(noncondensing); 14 to 140F (-10 to	
	60C); Accuracy:	
	+/- 0.001Aw and +/- 0.3C;	
	Power:230VAC; Digital	
	display; Set includes: meter, probe,	
	RS-232 cable,	
	software, AC adapter, 14-mm and 40-	
	mm sample cup	
	holders, disposable sample cups,	
4	calibration standard	
4	Fourteen (14) Pieces Data Logger	
	barometric pressure, temp, humidity	
	and dew point; industrial probe 137 mm (5"), cable 3	
	m (10'), stripped	
	wire leads; Accuracy/Range: ±2.0	
	mbar/ 10 to 1100	
	mbar (1 to 110 kPa); Resolution: 0.1	
	mbar; Accuracy/	
	Range: 10 to 90%: ±2%; Non-	
	linearity: ±3%;	
L	, , , , , , , , , , , , , , , , , , ,	

Hysteresis: ±1%RH; Response Time: 8 seconds, tau 63%; Repeatability: ±0.1% Resolution: 0.1%, 12 bit; Industrial Probe: ±0.5°C for 5 to 45°C $(\pm 1^{\circ} F \text{ for } 41 \text{ to})$ 113°F); up to ± 1.5 °C for -40 to 5°C and 45 to 85°C (up ±2.7°F for -40 to 41°F and 113 to 185°; Probe Physical Dimensions:16 Ø x 137 mm L (0.63 Ø x 5" L)Cable with DB9 or Stripped Leads: Length: 3 m (10'); Operating Temp: -55 to 105°C (-67 to 221°F); Ethernet (RJ45): Fixed or auto-negotiating 10/100BASE-T, Auto MDI/MDIX; Sensor: Digital 4-wire (DB9): removable 8 position screw terminals; Material: Polycarbonate case, with DIN rail mount; Embedded WEB Server: Serves WEB pages containing real-time data and live updated charts within definable time intervals; Software: OPC Server; macro for datalogging in Excel program; compatible with Windows operating systems Inclusion: On site installation and training of end-user 5 One (1) Set Data Logger Sensor types: total solar radiation, LWS, Temp, Temp/ RH, precipitation and windspeed; Input channels: 5 channels, each supporting 12-bit analog, 32-bit digital pulse; Weather-proof, UV and impact resistant IP55, NEMA 3R; 5 AA Alkaline or lithium batteries; Storage: 1mb (36,000 scans of all 5 ports); with interface cable and software interface; For outdoor Four (4) Units Moisture meter 6 Dielectric capacitance (50MHZ); for grains and seeds; 1-40 % measurement range; 240 ml sample volume; with weight scale; automatic temperature correction by integrated thermistor; auto-power off; auto display for

_		
	level icon; digital LCD; 1.5V	
	alkaline; "AA" size x 4	
	batteries; 240mW power supply;	
	125(W) x 205(D) x 215	
	(H) mm; approx 1.3 kg; with funnel;	
	manual hopper	
	= =	
	(sample cup); brush; Operating	
	Manual	
7	Four (4) Units Oven	
	240V, 50/60Hz, temp control-	
	electronic; temp display-	
	LED; temp range: Auxilliary	
	functions of calibration	
	offset and key-lock, safety features	
	include self	
	diagnostic circulating and overheat	
	protection,	
	circulating method: forced air	
	circulation, temp range:	
	<u> </u>	
	10 to 260°C, temp dist accuracy: less	
	than 3.0°C (at	
	260°C), max temp reaching time	
	approx 90min, Internal	
	capacity: 150-160L; Internal	
	dimension:	
	approx 600x500x500mm, External	
	dim: approx	
	710x651x870mm (50°C to 225°C;	
	uniformity @	
	200°C; +/05°C; sensitivty: +/-0.5°	
	C);	
	recovery time: 4 mins; 8 max	
	adjustable shelves, number of trays: 6	
	_ =	
	-8 trays	
	Inclusion: (4pcs) AVR with anti surge	
	protection suitable to the power	
	requirement of the oven	
8	One (1) Unit Stereo microscope	
	` '	
	with accessories; Objectives Zoom	
	Range: 0.66X-5.1X;	
	Field Diameter (mm): F24; Working	
	Distance (mm):	
	110; Stereo Angle (°): 12; Viewing	
	Angle (°): 35;	
	Video Output Distribution: Standard	
	0:80; Guide Rail	
	Stand Focusing Distance (mm): 80;	
	Pillar Stand	
	Focusing Distance (mm): 115;	
	Different video output	
	connectors, built-in digital image	
	model; Trinocular	
	head port for easy addition of cameras	
	and built-in illuminator;	
	With Accessories: Universal T	
	adapter for DSLRs	
	T	

Two (2) Units Gradient PCR Thermal Cycler Capacity: (1 unit) 96 & (1 unit) 384 well, 3-6 temperate zones; Program memory: 500 to 1000 typical programs onboard; unlimited with USB flash drive expansion; Temperature range: 4-100°C; Temperature gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4-100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C - 1100C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 - 700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: I unit 2KVA and I unit 3KVA (AVR) I unit 2KVA & I unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: Platinum electrodes; Long-lasting silicone gaskets; Safety cover with power leads; White spring clamps; 2 combs: 2 sets of Gel Wrap glass plates;		Inclusion: with UPS (2-in-1)	
Cycler Capacity: (1 unit) 96 & (1 unit) 384 well, 3-6 temperate zones; Program memory: 500 to 1000 typical programs onboard; unlimited with USB flash drive expansion; Temperature range: 4-100°C; PCmemerature gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4-100°C; PCR volume range: 10 - 100 μL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-1000C); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C -1100C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50 -60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: Platinum electrodes: Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs: • 2 sets of Gel Wrap glass plates;	9	, , ,	
Capacity: (1 unit) 96 & (1 unit) 384 well, 3-6 temperate zones; Program memory; 500 to 1000 typical programs onboard; unlimited with USB flash drive expansion; Temperature range: 4–100°C; Temperature gradient: ±0.5°C of programmed temperature; Gradient temperature range; 4–100°C; PCR volume range: 10 - 100 μL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: Platinum electrodes; Long-lasting silicone gaskets; Safety cover with power leads; White spring clamps; 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates;		` '	
well, 3-6 temperate zones: Program memory: 500 to 1000 typical programs onboard; unlimited with USB flash drive expansion; Temperature range: 4–100°C; Temperature gradient: -0.5°C of programmed temperature; Gradient temperature range: 4–100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Co.5. (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 oudets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10: Slab Gel Run Time; 30-90 min.; Inclusions: Platinum electrodes; Long-lasting silicone gaskets; Safety cover with power leads; White spring clamps; 2 combs; 2 sets of Gel Wrap glass plates;		1 7	
memory: 500 to 1000 typical programs onboard; unlimited with USB flash drive expansion; Temperature range: 4–100°C; Temperature gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4–100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.0oC / sec; Maximum cooling rate: 2-4.0oC / sec; Temperature accuracy: ±0.2oC- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC - 110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 - 700Watts: Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (Des) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: Platinum electrodes;		± • ` ` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
programs onboard; unlimited with USB flash drive expansion; Temperature range: 4–100°C; Temperature gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4–100°C; PCR volume range: 10 - 100 μL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets: • Safety cover with power leads; • White spring clamps; • 2 sets of Gel Wrap glass plates;		-	
untimited with USB flash drive expansion; Temperature range; 4–100°C; Temperature gradient; 20.5°C of programmed temperature; Gradient temperature range; 4–100°C; PCR volume range; 10 – 100 µL; Maximum heating rate; 4-6.00C / sec; Maximum cooling rate; 2-4.00C / sec; Temperature accuracy; ±0.20C- 0.5 (30–100oC); Ramp rate adjustable; 2.5 - sec / sec; Display; color touch screen; Hot lid temperature range; 300C -1100C; Max. number of steps; 30; Max. number of cycles; 100; Max. power consumption; 600 -700Watts; Input voltage; 50–60 Hz; 220–240; Interfaces; USB, LAN; Ambient temp; 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions; W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions; W x L (cm) 33 x 10; Slab Gel Run Time; 30–90 min.; Inclusions; Platinum electrodes; 1 Long-lasting silicone gaskets; 2 Safety cover with power leads; 4 White spring clamps; 2 combs; 2 sets of Gel Wrap glass plates;		· · · · · · · · · · · · · · · · · · ·	
expansion; Temperature range: 4-100°C; Temperature gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4-100°C; PCR volume range: 10 - 100 μL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2- 4.00C / sec; Temperature accuracy: ±0.20C-0.5 (30-1000C); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C -1100C; Max. number of steps: 30, Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs: • 2 sets of Gel Wrap glass plates;		2	
range: 4–100°C; Temperature gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4–100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00-C / sec; Temperature accuracy: ±0.20C- 0.5 (30-1000C); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C -1100C; Max. number of steps: 30, Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x D x H (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap glass plates;			
gradient: ±0.5°C of programmed temperature; Gradient temperature range: 4-100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00°C / sec; Temperature accuracy: ±0.20°C- 0.5 (30-1000C); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300°C -1100°C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50 -60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (LPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: Platinum electrodes; 1 ong-lasting silicone gaskets; 2 farge years of the Wrap glass plates; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates;		1 1	
programmed temperature; Gradient temperature range: 4–100°C; PCR volume range: 10 - 100 μL; Maximum heating rate: 4-6.0oC / sec; Maximum cooling rate: 2- 4.0oC / sec; Temperature accuracy: ±0.2oC-0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: Platinum electrodes; Long-lasting silicone gaskets; Safety cover with power leads; White spring clamps; 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates;		-	
temperature range: 4-100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-100cC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C - 1 100C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x D x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap glass plates;		G	
range: 4–100°C; PCR volume range: 10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-1000C); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C -1100C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 sets of Gel Wrap glass plates;			
10 - 100 µL; Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2- 4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-1000C); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 300C -1100C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap glass plates;		=	
Maximum heating rate: 4-6.00C / sec; Maximum cooling rate: 2-4.00C / sec; Temperature accuracy: ±0.20C- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap glass plates;			
Maximum cooling rate: 2- 4.0oC / sec; Temperature accuracy: ±0.2oC- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 sets of Gel Wrap glass plates;		• '	
rate: 2- 4.0oC / sec; Temperature accuracy: ±0.2oC- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		_	
accuracy: ±0.2oC- 0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
0.5 (30-100oC); Ramp rate adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
adjustable: 2.5 - 6°C/sec; Display: color touch screen; Hot lid temperature range: 30°C -110°C; Max. number of steps: 30°C Max. number of cycles: 100°C, Max. power consumption: 60°C, 70°C Watts; Input voltage: 50–6°C, Hz; 22°C-24°C; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30–90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		1	
Display: color touch screen; Hot lid temperature range: 30oC -110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		0.5 (30-100oC); Ramp rate	
temperature range: 300C - 110oC; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 - 700Watts; Input voltage: 50 - 60 Hz; 220 - 240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		adjustable: 2.5 - 6 °C/sec;	
30°C -110°C; Max. number of steps: 30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		Display: color touch screen; Hot lid	
30; Max. number of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30–90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap spacers;		temperature range:	
of cycles: 100; Max. power consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		30oC -110oC; Max. number of steps:	
consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		30; Max. number	
consumption: 600 -700Watts; Input voltage: 50-60 Hz; 220-240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		of cycles: 100; Max. power	
Input voltage: 50–60 Hz; 220–240; Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		=	
Interfaces: USB, LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		*	
LAN; Ambient temp: 15°C to 37°C; Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
Inclusion: 1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		,	
1 unit 2KVA and 1 unit 3KVA (AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		Inclusions	
(AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		iliciusioii.	
(AVR) 1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		1 unit 2KVA and 1 unit 3KVA	
1 unit 2KVA & 1 unit 3KVA (UPS) Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
Sample PCR Plates 384 & 96 well; One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		` '	
One time preventive maintenance; built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		` '	
built-in internal calibration/ On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		*	
On site calibration & installation Two years warranty 10 Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
Two years warranty Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
Two (2) Units Gel Vertical electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
electrophoresis with power source (with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;	10	, , , , , , , , , , , , , , , , , , ,	
(with 3 to 4 outlets) Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;	10	` '	
Overall Dimensions: W x D x H (cm) 45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		1	
45 x 19 x 12; Dual; Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		· ·	
Glass Plate, Dimensions: W x L (cm) 33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		· · ·	
33 x 10; Slab Gel Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;			
Run Time: 30-90 min.; Inclusions: • Platinum electrodes; • Long-lasting silicone gaskets; • Safety cover with power leads; • White spring clamps; • 2 combs; • 2 sets of Gel Wrap spacers; • 2 sets of Gel Wrap glass plates;		` ,	
 Platinum electrodes; Long-lasting silicone gaskets; Safety cover with power leads; White spring clamps; 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates; 		· · · · · · · · · · · · · · · · · · ·	
 Long-lasting silicone gaskets; Safety cover with power leads; White spring clamps; 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates; 		· ·	
 Safety cover with power leads; White spring clamps; 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates; 		· ·	
 White spring clamps; 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates; 			
 2 combs; 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates; 		1 1	
 2 sets of Gel Wrap spacers; 2 sets of Gel Wrap glass plates;		1 0 1	
• 2 sets of Gel Wrap glass plates;		,	
		1 1	
• 2 lengths of Gel Wrap gasket			
- vanDang of Car talk Dangtan		• 2 lengths of Gel Wrap gasket;	

	• Conversion plate for running one gel	
	at a time	
	Inclusion: One time preventive	
	maintenance	
11	One (1) Unit Thermo mixer	
	Allow mixing of aqueous solutions in	
	various types of plates, tubes and	
	vortex mixing, PCR plates (skirted,	
	semi-skirted, unskirted)	
	96 or 384 deep well plates, 0.2 ml	
	PCR tubes and PCR	
	strips	
	0.5 ml microtest tubes	
	1.5 ml / 2.0 ml mirotest tubes;	
	Speed range: 300 – 3000 rpm;	
	Touch vortex speed: 3500 rpm;	
	Orbit diameter: 3 mm;	
	Operation mode: Timer, touch vortex	
	and continuous operation;	
	Digital time setting: 1sec – 99h	
	59min;	
	Noise Level: <50 dB;	
	Voltage: AC 100-240V, 50/60Hz; Power: 40 to 45W;	
	Fuse: 250A, 1A, Ø5x20;	
	Dimension(W x D x H):	
	not less than 196 x 270 x 170 mm;	
	Permissible ambient temperature:	
	4 - 45oC;	
	Permissible relative humidity: =70%	
	Inclusion: One time preventive	
10	maintenance	
12	One (1) Unit Waterbath (with cover)	
	Working temperature range from +18 °C to +99.9 °C	
	Models with filling volumes from 4.8 to 30 L or higher	
	Temperature stability of ± 0.2 °C	
	Heating capacity up to 2 kW	
	Bright display	
	Mains switch is protected against	
	spray water	
	Integrated protection against running	
	dry 220-240V,	
	1 year warranty on parts and service.	
13	Supply, delivery and installation of	
	One (1) Unit Refrigerated	
	Microcentrifuge machine with 24 to	
	30 wells 10-15,000 rpm, maximum	
	RCF 20.380G, 2mlx 24, -9 to 35	
	degrees,	
	additional function flash and soft	
	brake function,	
	imbalance detection function, with	
	features of safety	

	devices and alarm, 220-240V, 50-60 Hz, with energy saving function, ambient temp range 15-37 degrees, refrigerated,	
	Rotor: (1pc) 24x1.5/2.0, (1pc) Centrifuge 4 standard microplates of 2 midi-deep well plates, (1pc) 8 conical tubes capacity or round buckets ok Tube capacity or plates: 4 plates	
	1 year warranty on parts and service	
	Inclusion: With AVR and One time preventive maintenance	
14	One (1) Unit Gel Documentation	
	System	
	Controlled by a protocol via	
	application specific setup	
	for image area, illumination source,	
	filter, analysis, and reporting, fully automated, autofocus,	
	applicable to Colorimetry,	
	Densitometry upgradeable to	
	Chemilluminescence, 3-7 position	
	filters, stain-free	
	imaging, maximum sample size is 28x36cm, trans-UV	
	and epi-white are standard, 3 modes, CCD detector, 6-10 mega pixel	
	image resolution,	
	220-240V, user friendly image capture software,	
	compatible to latest version of Windows and i-Mac,	
	Ambient temperature 15-37C,	
	operating humidity >70%.	
	1 year warranty on parts and service.	
	Inclusion	
	1 set spare UV lamp, PC/desktop and	
	printer, AVR and UPS.	
	One time preventive maintenance	
4 =	One time calibration of camera	
15	One (1) Unit Spectrophotometer	
	High performance, UV/Vis spectrophotometer, UV 10-380mm	
	and Vis = 390-700nm	
	Full Spectrum Scan 200-650nm,	
	detection range dsDNA:	
	5-7,500 ng/µl,	
	absorbance accuracy < 1.75 % @ 0.7	
	A (0.67 nm path) @ 260 nm	

	of the reading, measure time 4-6	
	seconds,	
	sample volume range 0.0 to 2.0ul,	
	standalone,	
	web based interface,	
	internal storage 6-9 GB, 220-240	
	_	
	volts,	
	USB LAN connection, durable, inert	
	surfaces provide easy to	
	clean, scratch resistant surfaces,	
	touch-Screen glove compatible	
	user friendly with AVR	
	With control panel & lighting system.	
	Warranty: 2 yrs service & 1 year	
	parts.	
	Inclusion free service check up and	
	cleaning for 1 year,	
16	One (1) Unit Biological Refrigerator	
	(inverter type)	
	72 cu ft, 2-3 swing glass (clear)	
	doors, 12 adjustable shelves,	
	1-10 degrees Celsius, 220-230 volts	
	with AVR.	
	With digital type control panel &	
	lighting system.	
	Warranty: 2 yrs service	
	& 1 year parts.	
	Inclusion: free service check up and	
	cleaning for 1 year	
17	One (1) Unit Ultralow freezer	
	High performance, temperature range	
	(-80 to -86 degrees, single door with	
	four layer sealing structure,	
	•	
	4-5 shelves with 4-5 inner doors,	
	stainless steel interior	
	Capacity: 14.9 Cubic feet, 421 liters	
	Dimension: 51.2cm x 17.7 x 28.2 cm	
	LCD, Touch screen, USB Port, with	
	lock, energy saving function,	
	208V/220V 55-60hz, white, low	
	noise,	
	Outside ambient temperature 15-37	
	-	
	degrees, 1 year warranty on	
	parts and service and 5 years warranty	
	for compressor,	
	Inclusion AVR and one time	
	preventive maintenance service.	