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MODEL	INSTRUMENT	Price in ZAR
DIGITAL pH METERS		
101	Deluxe pH Meter with auto temperature compensation, Gel filled Epoxy body combination pH electrode & RTD probe, with recorder out put & slope control facility 3½ digit LED display.	2880
111	Digital pH Meter with temperature compensation and combination pH electrode. 3½ digit LED display.	2160
181	Digital pH, Conductivity & Temperature Meter for measurement of pH, Conductivity & Temperature. 3½ digit LED display with pH combination electrode, conductivity cell and temperature probe (Table Model).	3960
112	Digital pH Meter with temperature compensation and combination pH electrode. 3½ digit LED display for pH measurements.	1890
131	Digital pH Meter , (Portable) 3½ digit LCD display in ABS plastic body with touch switches and combination pH electrode.	1620
132	Digital pH Meter (Portable) 3½ digit LCD display in ABS plastic body with touch switches, auto temperature compensation. It displays pH. It is supplied with combination pH electrode.	1890
118	Digital Potentiometer with 3½ digit LED display along with glass, silver, platinum and reference electrode.	2700
pH ACCESSORIES		
	a) pH combination electrode	360
	b) Gel filled epoxy body combination electrode	720
	c) Glass electrode	270
	d) Silver electrode	270
	e) Platinum electrode	360
	f) Reference electrode	270
	g) pH stand	180
	h) Temperature probe	360
	i) Duracell battery or equivalent (9V DC)	90
MODEL	INSTRUMENT	
WATER /SOIL TESTING INSTRUMENTS		

161	Water and Soil Analysis Kit 3½ digit LCD display covering pH, Conductivity, TDS, Salinity, ORP, DO and Temperature. Battery cum mains operated, complete with accessories, fitted in high quality ABS brief case.	7470
191	Water & Soil Analysis Kit 3½ digit LCD display covering pH, Conductivity, TDS, Salinity, Turbidity, Dissolved Oxygen & Temperature with rechargeable battery. Complete with accessories fitted in a high quality ABS brief case.	8820
171	Water & Soil Analysis Kit 3½ digit LCD display covering 7 parameters: pH, Conductivity, TDS, Salinity, Colorimeter, Dissolved Oxygen & Temperature with rechargeable battery. Complete with accessories fitted in a high quality ABS brief case.	9270
172	Water & Soil Analysis Kit 3½ digit LCD display covering 8 parameters: pH, Conductivity, TDS, Salinity, Colorimeter, Turbidity, Dissolved Oxygen & Temperature with rechargeable battery. Complete with accessories fitted in a high quality ABS brief case.	11070
SEMI AUTO CHEMISTRY ANALYZER		
Chem-400	Semi Auto Chemistry Analyzer for End point, Kinetic, Fixed Time, Multi Standard and Coagulation Tests. 100 open tests, dual Flowcell/Cuvette system with 18µl Flowcell. Built-in thermal printer with graphic capability. It has 28 quick access test keys, 40x4 character LCD display, Peltier controlled thermostat and user friendly software.	63000
UV- VIS SPECTROPHOTOMETER		
371	Digital UV-VIS Spectrophotometer (Single beam) Range 190 to 1000 nm with facility for automatic concentration, %Transmission & Abs measurements. Motorised Microcontroller based wave length selection, 4 digit LED display for wavelength, 3½ digit LED data display. It has 4 position sample holder with position selector control for 10mm path length cuvettes. A set of 2 quartz cuvetts is provided.	40500
1371	Microprocessor UV/VIS Spectrophotometer (Single beam) Range 190 to 1000nm with facility for automatic concentration, %T, Abs. and K Factor measurements. It has 16x2 line LCD data display and motorized wavelength selection on 4 digit LED display. It has quad sample holder with 4 position selector control for 10mm path length cuvettes. Facility has been provided for 100 sample data storage and interface with any centronic printer. RS 232C interface can be provided on request. A set of 2 quartz cuvettes is provided.	46620
1372	Double Beam UV/VIS Spectrophotometer Microcontroller Based Instrument having range 190 to 1100 nm with 24x2 line LCD display, RS 232 interface and two quartz cuvettes, 18 touch keys, base lines correction, source optimization & electronic calibration etc. It has facility for measurement of % T, Abs. Conc., K-Factor and multi component analysis. The operating modes are single/multi wavelength, wavelength scan, time scan etc.	75600
ACCESSORIES ON REQUEST		
	a) Quartz cuvettes 10mm path length (set of 2)	1350

	b) Glass cuvettes 10 mm path length (set of 2)	540
	c) Polystyrene cuvettes 10mm path length (set of 5)	54
	d) Spare lamp (Vis) Halogen 6V 10W	144
	e) 80 character centronics printer	4320
	f) RS-232 Computer Interface (1371)	2700
	g) RS-232 Computer Interface (1372)	4050
	FILTER PHOTO COLORIMETER	
312	Digital Photo Colorimeter 8 filters , Mains operated Sample size 1ml with 2½ digit LED display.	2610
313	Digital Photo Colorimeter 5 filters , Mains operated, sample size 1ml with 2½ digit LED display.	2430
322	Filter Photo Colorimeter 5 filters , Mains operated, sample size 1ml with analog meter scale in % Transmission and absorbance.	2160
511	Balance cell Colorimeter , with 3 ½ digit display, standard blue, green & red filters on a turret covering 400 to 700 nm range.	3510
	<i>Battery cum Mains operated colorimeter in Digital & Analog models are also available at an additional cost of Rs.500/-. While ordering, please mention specifically.</i>	
	a) Standard glass Filter, Each color	144
	b) Test tube set of 5 for colorimeter	90
	c) Photocell/ photo diode	54
	d) Visible lamp 6V 300mA	54
	COLONY COUNTERS	
361	Digital Colony Counter 3 digit LED display, Range 0-999	1710
362	Digital Colony Counter 4 digit LED display, Range 0-9999	1980
363	Digital Colony Counter 6 digit LED display, Range 0-999999	2700
	Spare Pen for Colony Counter	144
	TITRIMETERS	
761	Auto Karl Fischer Titrimeter having separate control and stirring units with array of 10 LED's, buzzer, auto zero burette, adjustable timer, dual platinum electrode and other accessories.	6120
	Accessories on Request	
	(a) Dual Platinum Electrode	450
	(b) Burette Clear Glass (10ml)	540
	(c) Titration Vessel	270
	(d) Reservoir Bottle (500ml)	216
	(e) Moisture trap	180
	(f) Rubber Bellow	90
	(g) Connecting Tube (one set)	144
	PRINTER	
	80 Column dot matrix printer suitable for Microprocessor Instruments	4320
	PYROGEN TESTING INSTRUMENTS	

461	Digital Tele Thermometer 6 Channels with 6 veterinary probes	2700
	Spare Veterinary Sensor probe	270
	TURBIDITY /NEPHELOMETERS	
331	Digital Turbidity Meter 3½ digit LED display. Range upto 1000 NTU/JTU	3780
341	Digital Nephelometer 3½ digit LED display. Range up to 200 NTU	3240
	Accessories on Request	
	(a) Test tube set of 5	144
	(b) Spare lamp 6.8V, 0.3Amp.	54
	CONDUCTIVITY METERS	
601	Deluxe Digital Conductivity Meter 3½ digit LED display with facility for automatic temperature compensation and digital cell constant adjustment along with conductivity cell and temperature probe	2970
611	Digital Conductivity Meter 3½ digit LED display with facility for temperature compensation and digital cell constant adjustment along with conductivity cell and other accessories	2610
641	Digital Cond./TDS Meter 3½ digit LED display for measurement of Conductivity & TDS with temperature compensation facility and digital cell constant adjustment with conductivity/TDS Cell.	2970
181	Digital pH, Conductivity & Temperature Meter for measurement of pH, Conductivity & temperature. 3½ digit LED display with pH combination electrode, conductivity cell and temperature probe (Table Model)	3960
621	Digital Conductivity Meter (Portable) 3½ digit LCD display in ABS plastic cabinet with touch switches. Battery operated.	1800
	TDS METERS	
651	Digital TDS Meter 3½ digit LED display with facility for temperature compensation and digital cell constant adjustment along with TDS cell (Table model)	2610
661	Digital TDS Meter (Portable) 3½ digit LCD display in ABS plastic cabinet with touch switches. Battery operated.	1800
671	Digital Salinity Meter 3½ digit LED display with salinity cell and other accessories	2610
Note:	Conductivity, TDS and Salinity meters are supplied with conductivity cell having cell constant of 1.0 approximately	
	Accessories on Request	
	(a) Conductivity cell (Cell constant 1.0)	450
	(b) Conductivity cell (Cell constant 0.5)	576
	(c) Conductivity cell (Cell constant 0.1)	684

	(d) Conductivity Cell stand	144
	(e) Temp. Probe	288
	DIGITAL DISSOLVED OXYGEN METER	
801	Dissolved Oxygen Analyser cum Temperature Indicator alongwith speed regulated stirrer. Gold/silver DO probe and RTD temperature sensor. (Table Model).	3600
811	Digital Dissolved Oxygen Meter 3½ digit LED display with gold/silver probe (Table Model).	2970
831	Portable Digital Dissolved Oxygen Meter 3½ digit LCD display in ABS plastic body, touch switches alongwith Gold/Silver DO Probe.	2430
841	Magnetic Stirrer with speed controller	630
851	Dissolved Oxygen Monitor cum Temperature Indicator with simultaneous display of DO and temperature, housed in VIP brief case, 3½ digit LCD display with DO and temperature probe.	3960
	Accessories on Request	
71	(a) Dissolved Oxygen Probe (Amperometric Gold/silver membrane type)	720
	(b) A set of 10 DO Membranes	54
	SPECTROPHOTOMETERS	
301	Digital Spectrophotometer Range 340-960nm with facility for automatic concentration, %Transmission & Abs. measurements. Wavelength resolution 5nm. 3½ digit LED display with round test tubes of 10mm path length.	9900
302	Digital Spectrophotometer Range 340-960nm with facility for automatic concentration, %Transmission & Abs. measurements. 3½ digit LED display. Provision for 2 position sample holder. Provided with a set of 2 glass cuvettes of 10mm path length.	11700
304	Digital Spectrophotometer Range 340-960nm with facility for automatic concentration, %Transmission & Abs. measurements. Simultaneous display of wavelength with 1nm resolution on 3 digit LED display and data on 3½ digit LED display are available. 10mm & 50mm sample holder with adapter & one set of 10 mm path length Glass cuvettes.	13410
305	Digital Spectrophotometer Range 340-960nm with facility for automatic concentration, %Transmission & Abs. measurements. 3½ digit data display. Simultaneous display of wave length with 1nm wave length on 3 digit LED display and data on a 3½ LED display are available. Provision is made for 10mm path length, Glass cuvettes and round test tubes.	11700

1305	Microprocessor Spectrophotometer (Vis) Single beam with range 340-960nm with facility for auto concentration, %T, absorbance and K Factor measurements. It has 16x2 line LCD data & wavelength display. Its sample holder accommodates glass cuvettes as well as glass test tubes of 10mm path length. Facility has been provided for 90 sample data storage and interface with any cetronics printer. RS 232C interface can be provided on request.	15120
Accessories on request		
	a) Set of 2 Glass cuvettes (10mm path length)	576
	b) Set of 2 Cuvettes 50mm path length	2250
	c) Set of 10 round glass test tubes for spectrophotometer	180
	d) Spare lamp 6V, 10W	144
	e) Quartz Cuvettes 10 mm path length	1350
	f) Polystyrene cuvettes 10 mm path length (a set of 5)	72
	g) Dot matrix printer for centronics interface	4320
FLAME PHOTOMETERS		
1382	Microprocessor Flame Photometer with Sodium (Na) & Potassium (K) filters, 5 point calibration, direct readout in ppm & meq/l, auto filter selection, auto ignition, 20x4 line LCD display, Single Aspiration, RS232 interface, printer attachment facility with compressor and other accessories for lab & medical use	16650
1381	Microprocessor Flame Photometer with Sodium (Na) & Potassium (K) filters, 3 point calibration, direct readout in ppm & meq/l, auto filter selection, 5 digit LED display with compressor and other accessories for lab & medical use	14850
391	Digital Clinical Flame Photometer dual channel single aspiration, with filters (Na & K) for medical use. Final results in meq/l. 2½ digit LED digital display along with compressor and other accessories.	12150
381	Digital Flame Photometer with filters (Na & K) 2½ digit LED display (ppm) along with compressor and other accessories.	10170
ACCESSORIES ON REQUEST		
81	a) Interference Filters (Na, K, Li, or Ca)	1260
38	b) Air compressor unit with regulator and pressure gauge	4410
	c) Capillary tubes (set of 5)	144
	d) Connecting Tubes Set	126
	e) Sample Beaker (set of 5)	180
MICROPROCESSOR BASED pH METER		
1010	µp Based pH system with 7 digit, 7 segment LED display (3 for temperature and 4 for pH/mV) with auto/manual temperature compensation, auto buffer recognition, touch keys, along with accessories.	3600

1012	Microprocessor Based pH Meter with 16x2 Line alphanumeric LCD display showing pH, mV, Temp, having auto temperature compensation, auto buffer recognition along with accessories. Data storage facility upto 90 samples & external printer attachment facility available.	6030
1013	Microprocessor Based pH Meter a research grade instrument with 16x2 Line, pH, mV & Temperature display and resolution of 0.001 pH, 0.1 mV and 0.1°C. Its features include 3 point calibration, auto/manual temperature compensation up to 90 samples along with accessories, provision for external dot matrix printer. Provision for magnetic stirrer attachment is available.	7920
	MICROPROCESSOR WATER & SOIL ANALYSIS KIT	
1160	Microprocessor Water & Soil Analysis Kit for measurement of pH, Conductivity, ORP, TDS, Salinity, D.O & Temperature. 16x2 Line bold alphanumeric LCD display, battery cum mains operated with all accessories, fitted in a VIP portable brief case. Data storage facility up to 90 samples & external printer attachment facility available.	13950
	MICROPROCESSOR BASED CONDUCTIVITY/TDS METER	
1601	Microprocessor Based Conductivity/TDS Meter with alphanumeric 16x2 Line LCD display showing Conductivity, TDS and Temperature. Features include auto ranging, selectable reference temperature and temperature co-efficient. Data storage facility for 90 samples & external printer attachment facility available.	7110
	MICROPROCESSOR BASED D.O METER	
1801	Microprocessor Based D.O Meter with 16x2 Line alphanumeric LCD display, simultaneous display of DO & Temperature. Data storage facility up to 90 samples and external printer attachment facility available.	7200
841	Magnetic stirrer with speed controller	720
	Accessories on Request	
	a) pH Combination electrode	360
	b) Conductivity Cell(Cell constant 1.0)	450
	c) Conductivity Cell(Cell constant 0.5)	576
	d) Conductivity Cell(Cell constant 0.1)	684
	e) Temperature Probe	288
	f) Dissolved Oxygen Probe (Amperometric Gold/Silver membrane type)	720
	MICROPROCESSOR K.F MOISTURE TITRATOR	

1760	Microprocessor K.F Moisture Titrator with built-in magnetic stirrer, Auto computation of moisture in ppm, %age and mg of water. Storage of date, time batch no. & final results of 20 titrations. K.F. Reagent dispensing by motorised process. Final results are flashed on 8 digit digital display. External printer attachment facility available.	16920
	Accessories on Request	
	a) Dual platinum electrode	450
	b) Titration Vessel	270
	c) Dispensing Tube (set of 5)	180
	d) Connecting Tube (per set)	180
	e) Resevior bottle (amber glass) for KF Reagent	270
	f) Clear glass bottle for 250 ml	180
	g)Teflon Adaptor each	180
	MICROPROCESSOR PHOTO COLORIMETER	
1311	µP Photo Colorimeter 3 digit display, 8 glass filters covering 400-700 nm, measures Abs. and %T. Soft touch keys. 1ml sample size.	2880
1312	Microprocessor Photo Colorimeter with 8 glass filters range 400-700nm with facility for auto conc., %T, Abs. and K factor measurement, 16x2 line LCD data display, 10mm path length. Facility has been provided for 100 sample data storage and interface for any centronics printer.	4410
1313	µP Photo Colorimeter with 8 glass filters covering range of 400 -700 nm with facility for auto concentration, %Transmission, Absorbance and K factor measurement. It has 3 digits Red LED display. Sample size 1 ml .	3330
1315	µP Haemoglobin Meter 3 digit LED display with soft touch keys, auto calibration. Direct reading in Hb units. 1 ml sample size.	2790
	Accessories on Request	
	a) Standard Glass Filter (Each Color)	144
	b) Test Tube for Colorimeter (set of 5)	90
	c) Photocell/Photodiode	450
	d) Spare Lamp 6 V 300mA	144
	e) RS 232 C Software for PC interface	2250
	INSTRUMENTS FOR PHARMACY	
902	Digital Friability Test Apparatus (Double wheel)	4770
903	Digital Friability Test Apparatus (Single wheel)	4320
904	Digital Tablet Disintegration (with single Basket)	5220
912	Tablet Dissolution Test Apparatus	8010
931	Melting Point Apparatus	5760
681	Digital Fluorometer	12870
	MICROSCOPES	

1401	<i>Student Microscope</i>	1584
1405	<i>Junior Medical μ scope</i>	2070
1421	<i>Dissecting Microscope</i>	540
1415	<i>Binocular Microscope</i>	7020
1411	<i>Medical Microscope</i>	3060