

ION SELECTIVE METER & COLORIMETER

Sr#	Description	Qty
1	<p><u>Colorimeter</u></p> <ul style="list-style-type: none"> • Model: Lico 690 Spectral Colorimeter or Equivalent • Make: HACH, USA, or Equivalent • With all Standard Parts and Accessories <p><u>Technical Specifications:</u></p> <ul style="list-style-type: none"> • Color Scales: ASTM D1500, D1209, D5386, D1544, D6045, D6166, D848 and D5386 • Spectral Scan: Yes (320 nm – 1100 nm) • Sippert: Yes • Display: Color Graphic Touch Screen • Source Lamp: Tungsten Halogen Lamp • Wave Length Range: 380 nm – 720 nm • Power Requirement: 220V/50 Hz <p><u>Purchase Terms & Conditions:</u></p> <ul style="list-style-type: none"> ▪ Supplier will provide the Operating and Maintenance Manual(s). ▪ Installation and Commissioning will be the responsibility of the supplier at site. Supplier will provide sufficient training for the operation of the instrument 	One
2	<p><u>Consumables for Colorimeter</u></p> <ul style="list-style-type: none"> i. Set of 6 Certified Standard Color Solutions Test (Qty: One) ii. Test Filter Set (Qty: One) iii. Starter Kit (Qty: One) iv. Sample Cells, 10 x 10 mm, Glass (Qty: One Pack) v. Sample Cells, Rectangular, 50 x 10 mm (Qty: One Pack) vi. Replacement Halogen Bulb (Qty: One Pack) 	One Set

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3	<p><u>Benchtop Ion Selective (ISE/pH) Meter</u></p> <p>Model: Orion Star A214 pH/ISE Benchtop Meter (STAR) A2146 or equivalent Make: Thermo Scientific, USA or equivalent With all Standard Parts and Accessories <u>Technical Specifications:</u></p> <ul style="list-style-type: none"> • Accuracy (ISE): +/- 0.2 mV • Range (ISE): 0.0001 to 19900 with Selectable Units of ppm, Molar, mg/L, %, ppb • Resolution (mV): 0.1 mV • Temperature Accuracy: +/- 0.1°C • Resolution: (pH): 0.1/0.01/0.001 • Temperature Selection: Manual or Automatic with ATC Temperature Probe • Accuracy (pH): +/- 0.002 • Range (pH): -2.000 to 20.000 • Temperature Range: -5.0°C to +105.0°C • Power Requirement: 220V/50 Hz • Power Adaptor and Electrode Holder Stand for Instrument should be Included in the Package <p><u>Purchase Terms & Conditions</u></p> <ul style="list-style-type: none"> • Supplier will provide Operating and Maintenance Manual(s). • Installation & Commissioning will be responsibility of the supplier at site. Supplier will provide sufficient training for the operation of the instrument 	2 Sets
4	<p><u>Consumables for Benchtop Ion Selective (ISE/ pH) Meter</u></p> <ol style="list-style-type: none"> i. Stainless Steel ATC Probe (Qty: 2) ii. Stirrer Probe (Qty: 2) iii. pH Electrode including Buffer Standard (Qty: One) iv. Ammonia Electrode including ISA Solution (Qty: One) v. Chloride Electrode including ISA Solution (Qty: One) vi. Fluoride Electrode including ISA Solution (Qty: One) <p>All electrodes should be combination type and compatible with provided meters</p>	One Set