SI. Parameter   Item Type / Group   Item Name   Alias Name   Range   No. of Points for   Condition / Additional   Remarks, if any per											Additiona Charges
No.	Farameter	пент туре / Огоир	item Name	Allas Name	Kange	Calibration	Condition	Charges	Remarks, ii any	per Item Rs.	Rs.
				Platinum Res	sistance Therm	ometers (P	PRT)				
1	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT/ HTPRT / Capsule SPRT	Triple Point of Water 0.01 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			19400	
2	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / HTPRT / Capsule SPRT	MP of Gallium, 29.7646 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			19400	
3	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / HTPRT / Capsule SPRT	FP of Indium,156.5985 °C	1	Stem Dia <=7.5 mm, Stem Length			24400	
4	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT/ HTPRT	FP of Tin, 231.958 °C	1	>=450 mm Stem Dia <=7.5 mm, Stem Length >=450 mm			24400	
5	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT/ HTPRT	FP of Zinc, 419.527 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			24400	
6	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT/ HTPRT	FP of Al ,660.323 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			29100	
7	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	HTPRT	FP of Silver, 961.78 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			69400	
8	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / Capsule SPRT	TP of Mercury, -38.8344 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			24400	
9	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / Capsule SPRT	TP of Argon, -189.3442 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			29100	
10	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / Capsule SPRT	B.P of Liquid Nitrogen, -195.798 °C	1	Stem Dia <=7.5 mm, Stem Length >=450 mm			19400	
11	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / Capsule SPRT	0°C to -196 °C by Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			53200	
2	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT / Capsule SPRT	0.01°C to -189.3442 °C by Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			55700	
3	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT	-38.8344°C to 29.7646 °C by Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			48400	
4	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT	0°C to 29.7646 °C by Fixed Point method	2	Stem Dia <=7.5 mm, Stem Length >=450 mm			32300	
5	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT	0°C to 156.5985 °C by Fixed Point method	2	Stem Dia <=7.5 mm, Stem Length >=450 mm			32300	
6	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT	0°C to 231 °C by Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			44500	
7	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT	0°C to 420 °C by Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			44500	
8	Temperature	Platinum Resistance Thermometer	Standard Platinum Resistance Thermometer	SPRT	0°C to 660 °C by Fixed Point method	4	Stem Dia <=7.5 mm, Stem Length >=450 mm			64600	
9	Temperature	Platinum Resistance Thermometer	High Temp. Platinum Resistance Thermometer	HTPRT	0°C to 962 °C by Fixed Point method	5	Stem Dia <=7.5 mm, Stem Length >=450 mm			111500	
20	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	0°C to -196 °C by Secondary Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			37100	
!1	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	-38.84°C to 29.76 °C by Secondary Fixed Point method	3	Stem Dia, <=7.0 mm, Stem Length >=450 mm			26600	
22	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	0°C to 29.76 °C by secondary Fixed Point method	2	Stem Dia, <=7.0 mm, Stem Length >=450 mm			20100	
23	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	0°C to 156 °C by secondary Fixed Point method	2	Stem Dia, <=7.0 mm, Stem Length >=450 mm			20100	
24	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	0°C to 231°C by secondary Fixed Point method	2	Stem Dia, <=7.0 mm, Stem Length >=450 mm			24300	
25	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	0°C to 420 °C by Secondary Fixed Point method	3	Stem Dia <=7.5 mm, Stem Length >=450 mm			37100	
:6	Temperature	Platinum Resistance Thermometer	Semi Standard Platinum Resistance Thermometer	PRT (PT-100/25)	0°C to 660 °C by secondary Fixed Point method	4	Stem Dia <=7.5 mm, Stem Length >=450 mm			42000	
27	Temperature	Platinum Resistance Thermometer	Platinum Resistance Thermometer	SPRT/PRT (PT- 100/25)/RTD with or without Indicator	0°C to 660 °C by Comparasion calibration method	5	Stem Dia, <=7.0 mm, Stem Length >=300 mm	For each additional point		23100	4600
28	Temperature	Platinum Resistance Thermometer	Platinum Resistance Thermometer	SPRT/PRT (PT- 100/25)/RTD with or without Indicator	0°C to -196 °C by Comparasion calibration method	5	Stem Dia, <=7.0 mm, Stem Length >=300 mm	For each additional point	Item range should be 0 to -196 °C	23100	4600
29	Temperature	Fixed Point Cell	Triple Point of Water Cell	TPW Cell	0.01 °C	1	Well I.D >=10 mm			33900	
				Clinical/ Medic						1	
30	Temperature	Clinical Thermometer (Digital/Mercury)	Clinical/Medical Thermometer	Clinical/Medical Thermometer	35°C to 43°C, (95 °F to 109.4 °F)	3	New Batteries Recommended	For each additional point	Charges for Batch up to Five Thermometers	11000	3700

		(Batch of 5 Thermometers)										
31	Temperature	Infrared Clinical Thermometer (Batch of 2 Thermometers)	IR Ear/Fore Head/ Thermal Imager	IR Clinical/Medical Thermometer	35°C to 43°C, (95 °F to 109.4 °F)	3	New Batteries Recommended	For each additional point	Charges for Batch up to Two Thermometers	11000	3700	
32	Temperature & Humidity	Temperature & Humidity Sources	Infant/Baby Incubators	Infant/Baby Incubators	10°C to 50°C, 20% to 95% RH	3	Consumables to be Provided by customer	For each additional point		34000	11300	
				Liquid-in-G	lass Thermom	eters (LIG	Гs)					
33	Temperature	Precision Glass Thermometer	Liquid in Glass Thermometer (Mercury/Alcohol)(Least Count 0.01, 0.02 & 0.05 °C	LIGT	-90°C to 300°C	5	Stem Length <=450 mm	For each additional point		28800	5800	
34	Temperature	Precision Glass Thermometer	Liquid in Glass Thermometer (Mercury/Alcohol)(Least Count 0.1°C to 1°C	LIGT	-90°C to 300°C	5	Stem Length <=450 mm	For each additional point		14000	2800	
35	Temperature	Glass Thermometer	Liquid in Glass Thermometer	LIGT	0°C to 400°C	5	Stem Length <=450 mm	For each additional point		35000	7000	
36	Temperature	Specialized Thermometer	Quartz Thermometer	QT	0 °C to 300 °C	5	Stem Length <=450 mm	For each additional point		35000	7000	
37	Temperature	Digital Thermometer	High Precisiom Thermometer	Digital Thermometer with Sensor probe	-90°C to 300°C	5		For each additional point		30000	6000	
38	Temperature	Specilized Thermometer	Brix Hydrometer (Thermometer)		0 °C to 50 °C	5		For each additional point		27000	5400	
	Thermocouples (Noble & Base Metal TCs)  Noble Metal Thermocouple  Wire Length >= 1250 For each											
39	Temperature	Standard TC	Noble Metal Thermocouple (Bare Wires)	Type S, R, B	0°C to 1200 °C	5	Wire Length >=1250 mm, Dia. <=0.5 mm	For each additional point		51800	10400	
40	Temperature	Standard TC	(Probe) with or without indicator	Type S, R, B	0°C to 1200 °C	5	Length >=600 mm, Dia. <=7.5 mm	For each additional point		42800	8600	
41	Temperature	Base Metal TC	Base Metal Thermocouple probe with or Without Indicator	Base Metals	0°C to 1200 °C	5	Probe / Sheath Length >=600 mm, Dia. <=7.5 mm	For each additional point		35000	7000	
42	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	Ice Point 0.000°C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			8500		
43	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	FP In 156.5985°C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			23500		
44	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	FP Sn 231.928 °C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			23500		
45	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	FP Zn 419.527°C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			23500		
46	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	FP AI 660.323°C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			30200		
47	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	FP Ag 961.78°C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			35000		
48	Temperature	Standard TC	Noble Metal Thermocouple	Type S, R, B	MP Au 1064.18°C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			25300		
49	Temperature	Standard TC	Noble metal Thermocouple	Type S, R, B	FP Cu 1084.62 °C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			35000		
50	Temperature	Standard TC	Noble metal Thermocouple	Type S, R, B	MP Pd 1554.5 °C	1	Sensor Length >=600 mm, Dia. <=7.5 mm			35000		
51	Temperature	Standard TC	Noble metal Thermocouple (probe / sheath) with or without Indicator	Type S, R, B, C	0°C to 1600 °C	5	Sensor Length >=600 mm, Dia. <=7.5 mm	For each additional point		65500	13100	
52	Temperature	Standard TC	Noble metal Thermocouple (bare wires)	Type S, R, B, C	0°C to 1600 °C	5	Wire Length >=1250 mm, Dia. <=0.5 mm	For each additional point		70200	14040	
53	Temperature	Standard TC	Noble metal Thermocouple (probe / sheath)	Type S, R, B	Fixed Point Calibration (0°C to 1200 °C)	3 (Fixed points) (Zn,Al,Ag/Cu)	Sensor Length >=600 mm, Dia. <=7.5 mm			88800		
54	Temperature	Standard TC	Noble metal Thermocouple (Bare wires)	Type S, R, B	Fixed Point Calibration (0°C to 1200 °C)	3 (Fixed points) (Zn,Al,Ag/Cu)	Sensor Length >=600 mm, Dia. <=7.5 mm			93800		
55	Temperature	Standard TC	Noble metal Thermocouple (probe / sheath)	Type S, R, B	Fixed Point Calibration (0°C to 1600 °C)	3 (Fixed points) (Zn,Ag/Cu, Pd)	Sensor Length >=600 mm, Dia. <=7.5 mm			94000		
56	Temperature	Standard TC	Noble metal Thermocouple (bare wires)	Type S, R, B	Fixed Point Calibration (0°C to 1600 °C)	3 (Fixed points) (Zn,Ag/Cu, Pd)	Wire Length >=1250 mm, Dia. <=0.5 mm			100000		
57	Temperature	High Temperature Indicator	Datalogger with Multiple Sensor (Up to 9 Sensors)		-50°C to 1600 °C	5	Probe Length >=600 mm, Dia.<=7.5 mm for range above 700 °C	For each additional point		82600	16500	
			Radiation The	ermometers (Pyror	neters, Therma	ıl Imagers,	TS Lamp, Black	Body)				
58	Temperature	Non Contact Temperature Measuring Device	Radiation Pyrometer	IR Pyrometer/ TR Pyrometer	50°C to 1300°C	5		For each additional point		46100	9200	
59	Temperature	Non Contact Temperature Measuring Device	Thermal Imager/Laser gun pyrometer	IR Radiation Imaging Pyrometer	50°C to 1300°C	5		For each additional point		53000	10600	
60	Temperature	High Temperature Measuring Device	Optical Pyrometer	Disappearing Filament Pyrometer / Spectral Pyrometer	800°C to 1700 °C	5	New Batteries Recommended	For each additional point		47600	9500	
61	Temperature	High Temperature Measuring Device	Optical Pyrometer	Disappearing Filament Pyrometer / Spectral Pyrometer	800°C to 2200 °C	5	New Batteries Recommended	For each additional point		96800	19400	
62	Temperature	High Temperature Measuring Device	Optical Pyrometer	Disappearing Filament Pyrometer / Spectral Pyrometer	1600°C to 2200 °C	5	New Batteries Recommended	For each additional point		52300	10500	
63	Temperature	High Temperature	Tungsten Strip Filament	TS Lamp	800°C to 1700 °C	5	Standard Lamp	For each	I I	53900	10800	

		Radiation Source High Temperature	Lamp Tungsten Strip Filament				Holder is required Standard Lamp	additional point For each			
64	Temperature	Radiation Source	Lamp	TS Lamp	1600°C to 2200 °C	5	Holder is required	additional point		58500	117
65	Temperature	High Temperature Radiation Source	Tungsten Strip Filament Lamp	TS Lamp	800°C to 2200 °C	5	Standard Lamp Holder is required	For each additional point		109100	218
66	Temperature	Non Contact Temperature Measuring Device	Radiation Pyrometer/Thermal Imager/Laser gun pyrometer	IR Pyrometer/ TR Pyrometer/IR Radiation Imaging Pyrometer	600°C to 2000 °C	5	New Batteries, operational mannual, mounting stand Recommended	For each additional point		91300	18
67	Temperature	Non Contact Temperature Measuring Device	Radiation Pyrometer/Thermal Imager/Laser gun pyrometer	IR Pyrometer/ TR Pyrometer/IR Radiation Imaging Pyrometer	2000°C to 3000 °C	3	New Batteries, operational mannual, mounting stand Recommended	For each additional point		143000	47
		Relat	tive Humidity (Hygro	meters, Dew/Fros	t Point Meters,	Air Temp	erature) & Moistu	ıre (% MC me	ters)		
68	Humidity	Ambient Conditions Monitoring Device	Relative Humidity Hygrometer	Dial/digital RH/ Hygrometer	10% to <20% at temperature from 10 °C to 60 °C (Humidity only)	3	New Batteries Recommended	For each additional point		10200	34
69	Humidity	Ambient Conditions Monitoring Device	Relative Humidity Hygrometer	Dial/digital RH/ Hygrometer	40% to 60% at temperature from 10 °C to 60 °C (Humidity only)	3	New Batteries Recommended	For each additional point		13000	43
70	Humidity	Ambient Conditions Monitoring Device	Relative Humidity Hygrometer	Dial/digital RH/ Hygrometer	20% to 95% at temperature from 10 °C to 60 °C (Humidity only)	5	New Batteries Recommended	For each additional point		26200	52
71	Humidity	Ambient Conditions Monitoring Device	Relative Humidity Hygrometer	Dial/digital RH/ Hygrometer	10% to 95% at temperature from 10 °C to 60 °C (Humidity only)	5	New Batteries Recommended	For each additional point		31200	6:
72	Humidity	Ambient Conditions Monitoring Device	Air Temperature Hygrometer	Dial/digital RH/ Hygrometer	0°C to 10°C at humidity @ fixed RH(Temperature only)	3	New Batteries Recommended	For each additional point		15000	51
73	Humidity	Ambient Conditions Monitoring Device	Air Temperature Hygrometer	Dial/digital RH/ Hygrometer	10°C to 60°C at humidity @ fixed RH (Temperature only)	5	New Batteries Recommended	For each additional point		25000	5
74	Humidity	Ambient Conditions Monitoring Device	Dew Point/ Frost Point Temperature	Dew Point Meter	-30°C to 60°C	3	New Batteries Recommended	For each additional point		39100	13
75	Humidity	Humidity Sources	Humidity Chamber/ Climatic Chamber/ Lab Incubators	Humidity Chamber/ Climatic Chamber	10% to 95% RH	3	Consumables to be Provided by customer	For each additional point		77000	25
76	Humidity	Digital Humidity Sensor (Batch of 9 Sensors)	Relative Humidity Sensor	Dial/digital RH/ Hygrometer	10% to 95% at temperature from 10 °C to 70 °C (Humidity only)	5	New Batteries Recommended	For each additional point	Charges for Batch up to Nine Sensors	124900	25
77	Moisture	Digital Moisture Meter	Moisture Sensor with Display	Digital/Electrical type moisture meter	0% to 100% MC	3	New Batteries Recommended	For each additional point	Moisture meter along with 3 pack of same sample supplied by customer	25300	8
			Thermal Sources	(Baths, Dry Block	s, Oven, Chamb	ers, Furn	aces, Blackbody	Furnaces)	•		
78	Temperature	Constant Temperature Source	Ice Point Bath	Zeref / Zero Temp Bath / Zero Ref. Source / Ice Point Cell	0.00 °C	1				38500	
79	Temperature	Temperature Source	Liquid Temperature Bath (LN <sub>2</sub> /Alcohol/Water/Oil)	Liquid Baths	-196°C to 300°C	3	Alcohol/DI Water/Oil or Any other fluid to be provided by the customer	For each additional point		48100	16
80	Temperature	Constant Temperature Source	Salt Bath	Salt Bath	300 °C to 500 °C	3	Salt to be Provided by customer	For each additional point		49600	16
81	Temperature	Constant Temperature Source	Fluidized Bed Bath	Alumina Bath	50°C to 700 °C	3		For each additional point		50300	16
82	Temperature	High Temperature Source	Temperature Source	Temperature Source (Dry Block Calibrator/Furnace/ Oven/Heating Chamber/Climatic Chamber)	-50°C to 1600 °C	3		For each additional point		79000	26
83	Temperature	High Temperature Source	Blackbody Furnace	Blackbody Source	50°C to 1600 °C	3		For each additional point		86400	28
84	Temperature	Non Contact Temperature Measuring Source	Blackbody Radiation Source	Black Body Furnace	50°C to 1300 °C	5		For each additional point		75000	15