



LABORATORY PLATINUM WARE

1. Crucibles Shape 'AZ'

Crucibles in these series have nominal capacities ranging from 5cc to 250cc. These crucibles are designed with extra thick base to withstand heavy wear. Unless otherwise specified crucibles are always supplied having plain rim and with lid. The purity of Platinum used manufacturer of these crucibles is at 99.95%.



Ordering Information with Technical Specifications:

Catalogue No.	Capacity cc	Top Diameter mm	Height mm	Approximate Weights in gms.		
				Standard Form	With Reinforced Rim Only	Standard Cover Only
LPW-101	5	22	22	4	5	1.5
LPW-102	8	25	24	6	7	1.5
LPW-103	10	25	28	7	7.5	2
LPW-104	15	30	31	11	12	3
LPW-105	20	33	35	15	16	4
LPW-106	25	36	34	19	20	4
LPW-107	30	40	36	22	24	6
LPW-108	35	41	38	25	26	6
LPW-109	40	42	42	30	32	7
LPW-110	50	45	44	38	40	8
LPW-111	60	45	47	46	48	9
LPW-112	70	49	53	50	52	12
LPW-113	80	52	53	51	54	14
LPW-114	90	54	57	52	59	15



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Catalogue No.	Capacity cc	Top Diameter mm	Height mm	Approximate Weights in gms.		
				Standard Form	With Reinforced Rim Only	Standard Cover Only
LPW-116	110	57	60	68	71	19
LPW-117	120	64	66	84	88	22
LPW-118	150	65	69	100	104	27
LPW-119	200	79	65	150	159	30
LPW-120	250	81	73	175	179	32

*Other sizes available on request.

2. Crucibles Shape 'BZ'

Crucibles in those series have nominal capacities ranging from 8cc to 200cc. These crucibles are designed with extra thick base to withstand heavy wear. Unless otherwise specified crucibles are always supplied having plain rim and with lid. The purity of Platinum used for manufacture of these crucibles is at least 99.95%.



Ordering Information with Technical Specifications:

Catalogue No.	Capacity cc	Top Diameter mm	Height mm	Approximate Weights in gms.		
				Standard Form	With Reinforced Rim Only	Standard Cover Only
LPW-121	8	25	21	6	7	1.5
LPW-122	10	26	26	7	7.5	2
LPW-123	15	30	27	11	12	3
LPW-124	20	33	28	15	16	4
LPW-125	25	36	30	19	20	4
LPW-126	30	40	32	22	24	6



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Catalogue No.	Capacity cc	Top Diameter mm	Height mm	Approximate Weights in gms.		
				Standard Form	With Reinforced Rim Only	Standard Cover Only
LPW-128	40	43	34	30	32	7
LPW-129	50	46	37	38	40	8
LPW-130	60	48	39	46	48	9
LPW-131	70	52	41	50	52	12
LPW-132	75	52	44	50	52	13
LPW-133	80	52	47	51	54	14
LPW-134	90	57	48	52	59	15
LPW-135	100	57	51	59	68	17
LPW-136	110	57	54	68	71	19
LPW-137	120	57	57	84	88	22
LPW-138	125	58	59	97	101	25
LPW-139	200	79	66	150	159	30

*Other size Available on request

3. Platinum Micro Crucible



Ordering Information with Technical Specifications:

Catalogue No.	Capacity cc	Top Dia. (mm)	Height (mm)	Weight Gram	
				Crucible	Lid
LPW-111	1	12.0	13	2.0	0.50
LPW-112	3	17.0	19	4.5	1.50
LPW-113	5	20.5	22	5.5	1.75



4. J LAWRENCE SMITH Type Crucible

- For Alkali Determination.



Ordering Information with Technical Specifications:

Catalogue No.	Specifications	
	Capacity	20 cc
	Height	90 mm
	Top Diameter	21 mm
	Approximate Weight	34 grams

This is special type of crucible with round base and fit cap which is used for silicate analysis.



5. Platinum Dishes Standard Form

Dishes are available from 25 cc to 700 cc capacity. Designed with a rounded thick base for heavy wear, they are normally supplied with pouring lip but without lid. Shallow dishes for iron and steel, water and sugar analysis are manufactured to specification. However, for specific purpose, lids of watch – glass type or crucible type are supplied against orders. These may also be ordered with reinforced rim and heavy bottom, or reinforced rim only, or heavy bottom only.



Ordering Information with Technical Specifications:

Catalogue No.	Capacity cc	Top Dia.mm	Height mm	Dish with Plain Rim	Approximate Weights in gms.	
					With Reinforced Rim Only	Crucible type Lid
LPW-140	25	42	23	8	9	10
LPW-141	35	49	25	12	13	13
LPW-142	40	51	26	15	17	14
LPW-143	50	57	26	19	22	15
LPW-144	60	63	27	24	26	18
LPW-145	75	70	28	28	31	20
LPW-146	100	75	29	37	41	22
LPW-147	125	77	34	42	44	28
LPW-148	150	83	35	57	62	33
LPW-149	175	85	40	55	59	41
LPW-150	200	90	40	74	80	44
LPW-151	250	100	41	93	100	45
LPW-152	300	110	45	94	98	55
LPW-153	400	118	48	133	137	58
LPW-154	500	125	50	170	180	65
LPW-155	700	143	58	200	212	82

***Other sizes available on request.**



6. Platinum Micro Dishes



Ordering Information with Technical Specifications:

Catalogue No.	Capacity cc	Top Dia. (mm)	Height (mm)	Appropriate Weight (Gram)		
				Dish	Reinforced Rim	Lid
LPW-131	10	35	17	08	10	5
LPW-132	15	38	19	10	13	6
LPW-133	20	42	20	13	17	8

7. Spatulas



Spatulas of special hard Platinum alloy are available in following sizes:

Ordering Information with Technical Specifications:

Catalogue No.	Style	Length	Weight (gm)
LPW-165	Flat	90mm	14 grams.
LPW-166	Flat with handle	64mm	14 grams.

***Other sizes and shapes are available**



8. Spoons



Ordering Information with Technical Specifications:

Catalogue No.	Shape	Length	Weight (gm)
LPW-167	Hemispherical with handle	35mm	4 grams.

9. Combustion Boats



Combustion Boats with or without handle are available in the following sizes:

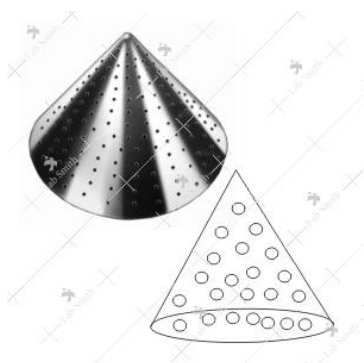
Ordering Information with Technical Specifications:

Catalogue No.	Length mm	Width mm	Depth mm	Weight grams
LPW-168	38.1	12.7	9.5	3
LPW-169	50.9	12.7	9.5	4
LPW-170	76.2	12.7	9.5	7
LPW-171	95.3	12.7	9.5	9
LPW-172	101.6	12.7	9.5	12

***Micro-Combustion Boats can be manufactured against special orders.**



10. Filter Cones



Filter cones are manufactured from perforated Platinum sheet with 36 x 09 mm holes per sq.cm. They are available in following sizes.

Ordering Information with Technical Specifications:

Catalogue No.	Diameter mm	Depth mm	Approx. weight (grams)
LPW-173	20	17	1.5
LPW-174	25	22	3
LPW-175	50	43	12

*Other size available on request

11. Tipped Forceps



Platinum Tipped Stainless Steel Forceps having either sharp or round tips are available in following sizes.

Ordering Information with Technical Specifications:

Catalogue No.	Length	Weight of tips in gram
LPW-176	110 mm	1.5 gm
LPW-177	150 mm	2 gm

*Other size available on request



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12. Tipped Tongs



Standard Platinum Tipped Stainless Steel Tong are available as per table. Other sizes can also be manufactured and supplied to customer's specifications.

Ordering Information with Technical Specifications:

Catalogue No.	Length in cm	Weight of tips in gram
LPW-178	20	1.5
LPW-178 a	25	2.5
LPW-178 b	30	4.0
LPW-178 c	45	6.0
LPW-178 d	60	8.0

*Other sizes available on request.



13. Platinum Triangles



To avoid contact with other metals while heating. Platinum triangles with twisted ends are available in following sizes:

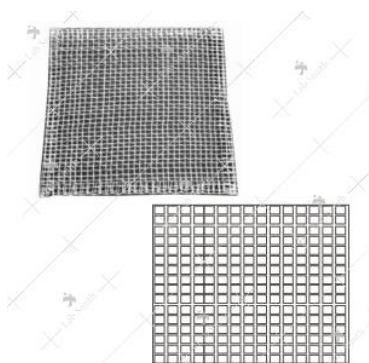
Ordering Information with Technical Specifications:

Catalogue No.	Crucible Capacity cc	Length of side mm	Approx. weight in grams
LPW-179	15	40	9.5
LPW-180	25	50	12
LPW-181	30	57	12.5
LPW-182	40	63	15



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14. Wire Gauges



Apart from our standard Sizes, we also make gauze of mesh and wire to specifications in Platinum, Platinum/ Rhodium alloys.

Ordering Information with Technical Specifications:

Catalogue No.	Mesh per mm	Wire Dia. mm	Approx. weight per 100 sq. cm
LPW-183	200	0.2	25 Grams
LPW-184	360	0.15	15 Grams
LPW-185	1000	0.06	4.5 Grams

***Other sizes available on request**

15. Platinum Wires

We manufacture wires from minimum 99.95% pure platinum ranging from 0.04 mm to 5.00 mm diameter of a very high standard, uniform in composition and free from chemical or physical defects.





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Ordering Information with Technical Specifications:

Catalogue No.	Diameter mm	Weight in gram per meter
LPW-142A	5.00	421.17
LPW-142B	4.00	269.55
LPW-142C	3.00	151.62
LPW-142D	2.00	067.39
LPW-142E	1.80	054.58
LPW-142F	1.60	43.13
LPW-142G	1.50	037.91
LPW-142H	1.40	033.00
LPW-142I	1.30	028.63
LPW-142J	1.20	024.26
LPW-142K	1.10	020.38
LPW-142L	1.00	016.85
LPW-142M	0.90	013.65
LPW-142N	0.80	010.78
LPW-142O	0.70	8.250
LPW-142P	0.60	6.060
LPW-142Q	0.55	5.100
LPW-142R	0.50	4.210
LPW-142S	0.45	3.410
LPW-142T	0.40	2.690
LPW-142U	0.35	2.060
LPW-142V	0.30	1.520
LPW-142W	0.25	1.050
LPW-142X	0.20	0.675
LPW-142Y	0.15	0.379
LPW-142Z	0.12	0.243
LPW-142AA	0.10	0.168



16. Platinum - Platinum/Rhodium Thermocouple Wires



Ordering Information with Technical Specifications:

Catalogue No.	Wire Diameter		Weight gram/ meter Pt. Pure	Weight gram/ meter pt./Rh 10%	Weight gram/ meter pt./Rh 13%
	mm	Swg			
LPW-143A	1.00	19.0	16.85	15.70	15.38
LPW-143B	0.70	22.0	08.25	07.69	07.53
LPW-143C	0.55	24.0	05.10	04.75	04.65
LPW-143D	0.50	25.0	04.21	03.92	03.84
LPW-143E	0.45	26.0	03.41	03.19	03.11
LPW-143F	0.40	27.5	02.69	02.51	02.45

***Other Size Wires Are Also Available**

NOTE: Thermocouple Wires Supplied in double running length.
Since, are calibrated as per IS Temp. v/s emf. values



17. Platinum Foils

Foils are made of minimum 99.95% pure platinum to superlative standards of high precision and quality. The foils are free of burrs and prove indispensable to operation.



Ordering Information with Technical Specifications:

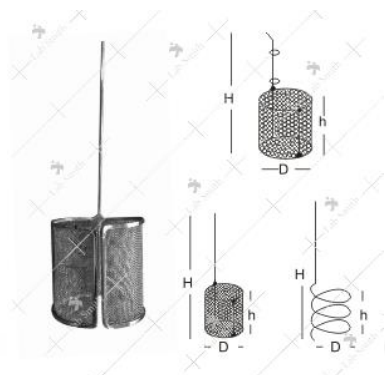
Catalogue No.	Thickness mm	Weight gram/100 Sq cm
LPW-144A	1.00	214
LPW-144B	0.90	192
LPW-144C	0.80	171
LPW-144D	0.70	149
LPW-144E	0.60	128
LPW-144F	0.50	107
LPW-144G	0.40	86.50
LPW-144H	0.30	64.20
LPW-144I	0.25	53.50
LPW-144J	0.20	42.80
LPW-144K	0.15	32.15
LPW-144L	0.10	21.40

***Other Size & Thickness Can Be Offered Against Specific Inquiry**



18. Platinum Iridium 10% Electronics

90% Platinum 10% Iridium Electrode is use for Copper Deposition
Other Size Electrodes can be prepared against specific inquiry



Ordering Information with Technical Specifications:

Catalogue No.	Height Overall(H)	Height of Cylinder(h)	Dia. of Cylinder(D)	Approx. Weight	Approx. Surface Area
LPW-145A	125 mm	045 mm	045 mm	034 grams	125 cm ²
LPW-145B	140 mm	032 mm	032 mm	019 grams	070 cm ²
LPW-145C	140 mm	032 mm	032 mm	013 grams	0.75 cm ²
LPW-145D	150 mm	045 mm	045 mm	031 grams	125 cm ²
LPW-145E	170 mm	045 mm	025 mm	036 grams	070 cm ²
LPW-145F	140 mm	030 mm	010 mm	010 grams	0.35 cm ²
LPW-145G	150 mm	045 mm	045 mm	028 grams	120 cm ²
LPW-145H	130 mm	050 mm	030 mm	016 grams	095 cm ²
LPW-145I(Square)	140 mm	30 mm	30 mm	013 grams	0.18 cm ²



19. Iridium Pellets

These Pellets are utilized for Rally Camera.

These Pellets are non-radiated & can be activated by Atomic Energy department only. Other size and dimension can also be manufactured as per the order.



Ordering Information with Technical Specifications:

Catalogue No.	Diameter (mm)	Thickness (mm)	Weight (gram)
LPW-150A	2.7	0.3	0.040
LPW-150B	20	1.0	6.000
LPW-150C	25	1.0	10.000
LPW-150D	30	1.0	15.000

20. Platinum Gold Alloy Crucible & Mould

These Platinum Gold Alloy Apparatus having non-sticky properties & therefore it is used for glass & cement/ geology analysis.



Ordering Information with Technical Specifications:

Catalogue No.	Description
LPW-151	Platinum Gold Alloy Crucible & Mould

***Other size and dimension can also be manufactured as per the order.**



21. Platinum Solder

- Platinum solder in strip & foil form

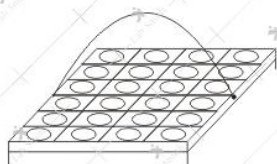
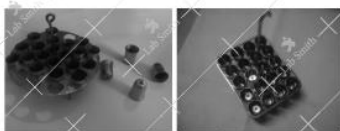


Ordering Information with Technical Specifications:

Catalogue No.	Specifications
LPW-152A	Platinum solder 1000° C
LPW-152B	Platinum solder 1100°C

22. Parting Trays

Parting tray is utilized for analysis of Gold Samples. It is made from the Alloy with composition of pure metal of purity 99.95% of metals with composition platinum/5 % or 10% of tray & handle and the cuples (Cups) of pure platinum or 2% alloy of Pt-Ir. The trays are available in the various size with 4, 24 & 36 cuples and its corresponding weights are:



Ordering Information with Technical Specifications:

Catalogue No.	Cuples (Cups)	Weight (gram)
LPW-149A	04	050.000-060.000
LPW-149B	16	110.000-125.000
LPW-149C	24	170.000-190.000
LPW-149D	36	275.000-300.000



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23. Palladium Metal Products

- Crucibles Lids, Wires, Bars, Strips, Anodes, Foils, Capacitor Caps etc. to the Consumers
- Specifications of Purity 99.9% & 99.99%.

Ordering Information with Technical Specifications:

Catalogue No.	Description
LPW-148	Palladium Metal Products

24. Silver Products

- Wires, Bars, Strips, Anodes, Foils, Capacitor Caps etc. to the Consumers
- Specifications of Purity 99.9% & 99.99%.

Ordering Information with Technical Specifications:

Catalogue No.	Description
LPW-147	Silver Products



25. Precious Metal Salts

Salts of Platinum & Platinum Group Metals & Silver are available with us:

Ordering Information with Technical Specifications:

Catalogue No..	Description
LPW-146A	60% Palladium Chloride
LPW-146B	Palladium Sponge 99.9%
LPW-146C	80% Platinum Oxide
LPW-146D	40% Platinum Chloride (minimum 5-gram packing)
LPW-146E	Platinum Sponge 99.9%
LPW-146F	Rhodium Sponge
LPW-146G	Rhodium Trichloride 39%
LPW-146H	Ruthenium Sponge 99.9%
LPW-146I	Gold Potassium Cyanide
LPW-146J	Platinum Black
LPW-146K	Rhodium Black
LPW-146L	Palladium Black
LPW-146M	Rhodium Sulphate
LPW-146N	Chloroplatinic Acid
LPW-146O	Potassium Chloroplatinate
LPW-146P	Ammonium Chloroplatinate
LPW-146P	Potassium Silver Cyanide 54%

N.B: Minimum ordering quantity 10gram

Any other Precious Metal Salts made of Platinum Rhodium, Palladium, Gold & Silver against specific orders undertaken.

All items manufactured from Special Platinum Guarantee 99.95% and over unless otherwise specified.



26. Platinum Blanks

Platinum blanks are used for fluorometry analysis especially for Uranium Determination.



Ordering Information with Technical Specifications:

Catalogue No.	Capacity cc	Upper Dia. mm	Height mm	Slant Height mm	Base Dia. Mm	Thickness mm	Approx. Weight (gram)
LPW-153	0.4	16	3.2	4	10	0.40	2.50

27. Platinum Coin

Platinum coin of weight 1 gram and purity 99.9% is available with us.



Ordering Information with Technical Specifications:

Catalogue No.	Specifications
LPW-154	Platinum Coin P; 1 gram