



Platinum Technologies
Made in Italy



8853

**PLATINUM
TECHNOLOGY**

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88Labware: a new born brand that means development, production, after-sales service of platinum products and accessories for organic and inorganic analysis.

8853 S.p.A., leading company in Italy with decades of experience in the field of precious metals and semi-finished products, thanks to its own laboratories fitted with the latest generation technologies and to the continuous search for perfection of its founder Mario Villa, is today a reference point also abroad for the quality of its products, all strictly **Made in Italy**.

88Labware is the new branch of this company and it is a synonym for craftsmanship able to supply its customers with tailor-made products for every need. **Platinum crucibles and accessories** for XRF analysis, microanalysis, burning and evaporation (whereas resistance to high temperatures and to chemical attack by acids and fusion mixtures is required), **mini-crucibles, dishes** (with or without pouring lips, pins on supporting ring, reinforced rims), **casting moulds, boats, tongs with shot-blasted platinum shoes, mixers, triangles, electrodes** are manufactured in pure platinum or in alloys with Gold, Rhodium, Iridium, Palladium and other precious metals.

Capacities and shapes of our crucibles and dishes are suitable for the various **types of automatic and semi-automatic analysis machines on the market**. At the same time professionalism, skill and utmost care of each single product allow 88Labware to meet so many different customers' requirements, including platinum coating of non-precious metals crucibles.

The strong point of **88Labware** is the customized assistance: from development to production and to after-sales service, every step is followed by **88Labware** technicians in order to provide our customers with a perfect "tailored" product.

88Labware and Platinum products treatment: an additional service is the **recovery of platinum contained in used crucibles**. The refined precious metal can be used for further production of new crucibles or purchased by 8853 S.p.A. at metal actual market price.

The quality system of **8853 S.p.A.** complies with UNI EN ISO 9001:2008 certified by TÜV. **8853 S.p.A.** is also a member of the RJC (Responsible Jewellery Council) which guarantees the use of "conflict free" metals.



Standard crucibles

code	top Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
A00	25.0	31.0	10.0	0.23	10
A01	29.5	32.5	12.0	0.23	15
A02	30.0	31.5	20.0	0.28	15
A03	32.5	35.5	18.0	0.29	20
A04	35.0	40.0	30.0	0.39	25
A05	35.0	38.0	19.0	0.25	25
A06	36.0	40.0	27.0	0.33	25
A07	37.5	41.5	23.0	0.28	30
A09	39.0	43.0	28.0	0.27	35
A10	40.0	43.0	29.0	0.27	35
A11	41.5	45.5	31.0	0.30	40
A13	44.0	48.5	42.0	0.37	50
A14	47.0	46.0	45.0	0.38	55
A15	50.0	55.0	55.0	0.42	75
A17	56.0	62.0	78.0	0.49	100



Conical crucibles

code	top Ø (mm)	bottom Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
C01	26.0	16.0	28.0	9.0	0.25	10
C02	28.0	20.0	32.0	12.0	0.36	15
C03	29.0	18.0	32.0	12.0	0.29	15
C04	30.0	27.0	35.0	13.0	0.19	20
C05	32.0	19.0	35.0	14.0	0.23	20
C06	35.0	30.0	40.0	30.0	0.36	30
C07	35.0	22.0	39.0	15.5	0.22	25
C08	35.0	25.0	40.0	30.0	0.40	30
C09	38.0	23.0	41.0	18.5	0.21	30
C10	38.0	27.0	38.0	21.0	0.26	32
C11	40.0	22.0	40.0	23.0	0.28	35
C12	43.0	28.0	30.5	26.0	0.27	35
C13	42.0	27.0	48.0	28.0	0.24	40
C14	43.0	29.0	37.0	35.0	0.22	45
C15	48.0	35.0	48.0	43.0	0.31	50
C16	45.5	29.0	50.0	45.0	0.33	45
C17	50.0	30.0	55.0	42.0	0.25	75
C19	55.0	32.0	50.0	60.0	0.43	100
C21	70.0	50.0	30.0	35.0	0.21	70



Cylindrical crucibles

code	top Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
B01	30.0	50.0	225.0	1.50	35
B02	34.0	50.0	31.0	0.25	35
B03	40.0	75.0	315.0	1.40	90
B05	45.0	70.0	370.0	1.40	100



Low crucibles

code	top Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
D03	32.0	26.5	13.0	0.28	15
D05	38.0	41.0	24.0	0.30	30
D06	40.0	34.0	21.0	0.26	40
D07	43.5	36.0	26.0	0.33	35
D08	46.0	37.0	32.0	0.38	40



Standard capsules

code	top Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
F01	38.0	19	10.0	0.21	15
F02	40.0	20	12.0	0.20	20
F03	42.0	20	12.5	0.20	20
F05	50.0	22	15.5	0.18	30
F07	55.0	22	16.0	0.19	30
F09	60.0	22	19.0	0.17	35
F11	62.5	27	23.5	0.18	60
F13	70.0	28	28.0	0.18	80
F15	75.0	29	37.0	0.20	100
F16	80.0	31	39.0	0.22	125
F19	82.5	31	52.0	0.20	150
F21	90.0	38	62.0	0.25	175
F23	100.0	35	75.0	0.25	200
F24	115.0	30	100.0	0.25	210
F25	130.0	25	170.0	0.44	220



Cylindrical capsules

code	top Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
B07	50.0	50.0	100.0	0.45	75
B11	70.0	20.0	30.0	0.35	75
B12	75.0	50.0	50.0	0.24	150
B13	80.0	25.0	68.0	0.30	120
B14	85.0	40.0	75.0	0.28	150
B15	90.0	30.0	75.0	0.28	130



Conical capsules

code	top Ø (mm)	bottom Ø (mm)	height (mm)	weight (g)	thickness (mm)
G01	50.0	40.0	30.0	28.0	0.32
G02	50.0	32.0	35.0	30.0	0.32
G03	60.0	40.0	35.0	31.0	0.28
G05	70.0	45.0	35.0	35.0	0.22
G07	75.0	50.0	38.0	38.0	0.15
G09	80.0	55.0	35.0	42.0	0.18
G11	85.0	60.0	38.0	46.0	0.18
G13	90.0	70.0	35.0	51.0	0.20
G16	100.0	75.0	30.0	41.0	0.16



Low hemispheric bottom capsules

code	top Ø (mm)	height (mm)	weight (g)	thickness (mm)	capacity (ml)
J04	55.0	22.0	16.0	0.18	30
J06	63.0	27.0	24.0	0.18	60
J08	75.0	29.0	37.0	0.22	100



Lids

code	Ø (mm)	weight (g)	thickness (mm)	code	Ø (mm)	weight (g)	thickness (mm)
M00	25.0	3.5	0.18	M15	50.0	10.0	0.20
M01	26.0	3.5	0.18	M17	55.0	18.0	0.19
M02	30.0	5.0	0.18	M19	60.0	20.0	0.20
M03	32.0	6.0	0.18	M20	62.0	22.0	0.20
M05	35.0	6.0	0.18	M21	65.0	22.0	0.20
M07	37.0	6.0	0.19	M23	70.0	25.0	0.23
M09	40.0	8.0	0.20	M25	75.0	26.0	0.20
M11	41.5	8.0	0.20	M26	80.0	28.0	0.20
M14	45.0	8.0	0.20				



Equipment for Microanalysis

The weights given are indicative



Boats

code	length (mm)	width (mm)	height (mm)	weight (g)	thickness (mm)	grip (mm)
N03	20.0	4.0	3.0	2.5	0.60	5.0
N04	30.0	9.5	6.0	6.0	0.22	5.0
N07	58.0	9.5	8.0	8.0	0.22	10.0
N10	100.0	25.0	10.0	80.0	1.40	10.0

88Labware is able to supply Mini-crucibles, Mini-dishes and Mini-lids. Sizes and weights upon request.



Equipment for X-Ray Fluorescence analysis (XRF)

The weights given are indicative



Crucibles

code	top Ø (mm)	height (mm)	weight (g)	
K06	37.5	36.0	40.0	flared lip
K55	35.0	14.0	12.5	rolled lip
A05P	34.0	38.0	25.0	three pins
A05PA	34.0	38.0	42.0	three pins on supporting ring
A05PAB	34.0	20.0	44.0	3 pins + ring + reinforced rim

8853Labware's crucibles are suitable for all types of automatic and semi-automatic analysis machines on the market. Shapes and dimensions can be produced on Customer's request



Round dishes

code	edge length (mm)	top Ø (mm)	bottom Ø (mm)	height (mm.)	weight (g)	thickness (mm)
L01	42.0	32.0	30.0	4.0	40.0	1.35
L02	50.0	33.5	30.5	5.0	50.0	1.20
L03	44.0	36.0	35.0	8.0	32.0	0.80
L04	44.0	36.0	34.0	6.0	42.0	1.00
L05	48.5	41.5	39.5	7.0	49.0	1.00
L06	50.0	40.5	39.5	5.5	30.0	0.65
L07	50.0	41.0	41.0	11.0	32.0	0.60
L08	55.0	31.0	30.0	3.5	52.0	1.00
L09	60.0	43.0	40.0	3.5	60.0	1.00
L10	60.0	40.5	39.5	3.5	102.0	1.50
L11	65.0	40.5	39.5	3.5	56.0	0.80
L13	65.0	31.5	30.0	10.4	56.0	1.00
L15	65.0	32.0	30.5	3.5	53.0	1.00
L16	65.0	36.0	34.0	3.5	60.0	1.00
L17	65.0	34.0	32.0	3.5	80.0	1.00
L20	50.0	34.0	32.0	3.0	45.0	1.00



Square dishes

code	edge length (mm)	top Ø (mm)	bottom Ø (mm)	height (mm.)	weight (g)	thickness (mm)
L51	41.0	31.0	29.0	3.0	30	0.80
L52	41.0	34.0	32.0	3.0	31	0.80
L55	51.0	38.0	34.0	3.0	45	1.00
L57	51.0	41.0	39.0	3.5	65	1.10

Other accessories in Platinum and products in Precious Metals

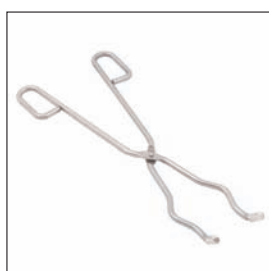
88Labware supplies a wide range of complementary accessories to support the lab activities that can be produced on request of Customer.



Crucibles for evaporation



Platinum spoon dispenser



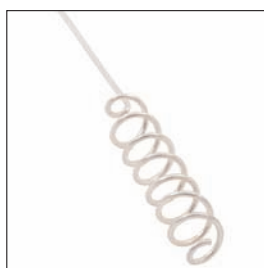
Crucible tongs and tweezers in stainless steel with platinum tips



Platinum funnel



Platinum triangles for crucible handling



Electrodes for electroanalysis in platinum-iridium alloy

Other Accessories

Shape and dimensions on Customer's request

- **Platinum Mixer and Spatulas** with or without handle
- **Platinum Handles, Needles, Eyelets** for Microanalysis
- **Rods, Wires, Ribbons, Sheets, Discs, Rings, Tubes** in any precious metal alloy and for any application.

All the 88labware products can be supplied in platinum, platinum-gold, platinum-gold-rhodium and other precious alloys even on request.



responsible gold and platinum metals supply chain
from source to consumer



by



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Company with certified quality system
in compliance with UNI EN ISO 9001:2008 and EN ISO 13485:2003 / AC:2009

