



CRUCIBLES

Sati International offers a large selection of crucibles manufactured in porcelain, quartz, platinum and borosilicate glass. Our crucibles are designed to work with industries in different research, experiments, analysis, tests and quality control. The crucibles include a lid or the lid can be purchased as an option depending on the material.



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Crucible, Gooch Type, With Sintered Disc

- Fritted disc is sealed into the crucibles
- Manufactured from borosilicate glass
- Suitable for precipitates to be dried to a constant weight at 110 °C
- Used for collecting , drying , weighing precipitates

| Catalog Number | Capacity | Porosity | Pack Size |
|----------------|----------|----------|-----------|
| 255.202.01M | 15 mL | M | 6 |
| 255.202.02C | 30 mL | C | 6 |
| 255.202.02F | 30 mL | F | 6 |
| 255.202.02M | 30 mL | M | 6 |
| 255.202.03C | 50 mL | C | 6 |
| 255.202.03F | 50 mL | F | 6 |
| 255.202.03M | 50 mL | M | 6 |



High-Form Porcelain Crucibles

- Glazed interior and exterior
- Crucible covers are completely glazed, except for the rim
- For use in temperatures up to 1150 °C (2102 °F)

| Catalog Number | Capacity | Dia. x H | Pack Size |
|----------------|----------|------------|-----------|
| CS-C013110H | 10 mL | 31 x 26 mm | 6 |
| CS-C013515H | 15 mL | 35 x 29 mm | 6 |
| CS-C014330H | 30 mL | 43 x 37 mm | 6 |
| CS-C015040H | 40 mL | 50 x 40 mm | 6 |
| CS-C015350H | 50 mL | 53 x 43 mm | 6 |
| CS-C016100H | 100 mL | 65 x 54 mm | 6 |
| CS-C016250H | 250 mL | 88 x 72 mm | 6 |



Porcelain Crucible Covers (For High Form Porcelain Crucibles)

| Catalog Number | Capacity | Cover I.D | Pack Size |
|----------------|----------|-----------|-----------|
| CS-C0H01034 | 10 mL | 34 mm | 6 |
| CS-C0H01538 | 15 mL | 38 mm | 6 |
| CS-C0H03045 | 30 mL | 45 mm | 6 |
| CS-C0H04054 | 40 mL | 53 mm | 6 |
| CS-C0H05054 | 50 mL | 54 mm | 6 |
| CS-C0H10066 | 100 mL | 66 mm | 6 |
| CS-C0H10090 | 250 mL | 90 mm | 6 |



Low (Wide)-Form Porcelain Crucibles

- Ideal for heating chemical compounds
- Crucibles are uniform and dense
- Glazed interior and exterior
- Crucible covers are completely glazed, except for the rim
- For use in temperatures up to 1150 °C (2102 °F)

| Catalog Number | Capacity | Dia. x H | Pack Size |
|----------------|----------|------------|-----------|
| CS-C013208L | 8 mL | 32 x 20 mm | 6 |
| CS-C014117L | 17 mL | 41 x 26 mm | 6 |
| CS-C015030L | 30 mL | 50 x 31 mm | 6 |
| CS-C016150L | 50 mL | 61 x 37 mm | 6 |
| CS-C017600L | 100 mL | 76 x 46 mm | 6 |
| CS-C018450L | 150 mL | 84 x 52 mm | 6 |



Porcelain Covers Crucibles (For Low Form Porcelain Crucibles)

| Catalog Number | Capacity | Cover I.D. | Pack Size |
|----------------|----------|------------|-----------|
| CS-COL00834 | 8 mL | 34 mm | 6 |
| CS-COL01745 | 17 mL | 45 mm | 6 |
| CS-COL03053 | 30 mL | 53 mm | 6 |
| CS-COL05066 | 50 mL | 66 mm | 6 |
| CS-COL10077 | 100 mL | 77 mm | 6 |
| CS-COL15090 | 150 mL | 90 mm | 6 |
| CS-COL25005 | 250 mL | 105 mm | 6 |



Alumina Crucible

- Available in two forms: high and cylindrical
- Unglazed
- Maximum use temperature: 1750°C
- Resistant to Alkalis, chemical attack and other fluxes
- Inert in hydrogen and carbonaceous atmospheres
- Color: cream

| Catalog No. | Volume | Bottom | Upper | Height | Pack Size |
|-------------|--------|--------|--------|--------|-----------|
| CS-AC-U15 | 15 mL | 25 mm | 35 mm | 35 mm | 4 |
| CS-AC-U25 | 25 mL | 25 mm | 40 mm | 36 mm | 4 |
| CS-AC-U30 | 30 mL | 23 mm | 40 mm | 37 mm | 4 |
| CS-AC-U45 | 45 mL | 40 mm | 40 mm | 50 mm | 4 |
| CS-AC-U50 | 50 mL | 30 mm | 53 mm | 45 mm | 4 |
| CS-AC-U80 | 80 mL | 32 mm | 56 mm | 50 mm | 4 |
| CS-AC-U100 | 100 mL | 43 mm | 63 mm | 74 mm | 4 |
| CS-AC-U150 | 150 mL | 32 mm | 66 mm | 74 mm | 4 |
| CS-AC-U200 | 200 mL | 44 mm | 69 mm | 75 mm | 4 |
| CS-AC-U250 | 250 mL | 44 mm | 72 mm | 76 mm | 4 |
| CS-AC-U500 | 500 mL | 98 mm | 101 mm | 112 mm | 4 |



Quartz Crucibles, Without Lids

- Withstand severe temperature changes
- Insoluble in water and acids except hydrofluoric and phosphoric acids
- Covers sold separately
- Withstand temperatures up to 1250°C (2282°F)

| Catalog No. | Capacity | Height | Outside Bottom Dia. for Crucible | Outside Top Dia. for Crucible | Inside Top Dia. for Lid | Pack Size |
|-------------|----------|--------|----------------------------------|-------------------------------|-------------------------|-----------|
| 521.303.01 | 10 mL | 30 mm | 15 | 29 | 31 mm | 2 |
| 521.303.02 | 15 mL | 35 mm | 16 | 33 | 34 mm | 2 |
| 521.303.03 | 20 mL | 38 mm | 18 | 36 | 38 mm | 2 |
| 521.303.04 | 30 mL | 38 mm | 22 | 43 | 45 mm | 2 |
| 521.303.05 | 50 mL | 51 mm | 26 | 51 | 53 mm | 2 |
| 521.303.06 | 100 mL | 66 mm | 31 | 62 | 64 mm | 2 |
| 521.303.07 | 150 mL | 82 mm | 48 | 79 | 82 mm | 2 |
| 521.303.08 | 250 mL | 105 mm | 55 | 74 | 76 mm | 2 |



Quartz Crucible Lids

| Catalog Number | Capacity | Inside Top Dia. for Lid | Side Length |
|----------------|----------|-------------------------|-------------|
| 522.303.01 | 10 mL | 31 mm | 6 mm |
| 522.303.02 | 15 mL | 34 mm | 6 mm |
| 522.303.03 | 20 mL | 38 mm | 10 mm |
| 522.303.04 | 30 mL | 45 mm | 10 mm |
| 522.303.05 | 50 mL | 53 mm | 10 mm |
| 522.303.06 | 100 mL | 64 mm | 10 mm |
| 522.303.07 | 150 mL | 82 mm | 10 mm |



Crucibles, Platinum, Standard Form

- Made with platinum, standard form
- Resistant to oxidation and corrosion
- High mechanical stability at high temperature
- Widely used in analytical laboratories
- Reinforcing of the rim gives the crucible a more robust character enabling regular handling and reducing rim deformation.

| Catalog No. | Capacity (ml) | Diameter (mm) | Depth (mm) | Std. Form | Estimated Weight (g) | Estimated Weight (g) | Estimated Weight (g) | Estimated Weight (g) |
|-------------|---------------|---------------|------------|-----------|-----------------------|------------------------|-------------------------|----------------------|
| | | | | | Rim Only (reinforced) | Base Only (reinforced) | Rim & Base (reinforced) | Std. Lid Only |
| CS-PCL2.5SF | 2.5 | 12 | 15 | 3 | 4 | 4 | 5 | 2 |
| CS-[C;5SF | 5 | 20 | 22 | 4 | 5 | 5 | 6 | 2 |
| CS-PCL8SF | 8 | 25 | 24 | 6 | 7 | 7 | 8 | 2 |
| CS-PCL10SF | 10 | 27 | 23 | 7 | 7.5 | 8 | 9 | 3 |
| CS-PCL15SF | 15 | 30 | 27 | 1 | 12 | 13 | 14 | 4 |
| CS-PCL20SF | 20 | 3 | 28 | 15 | 16 | 17 | 18 | 5 |
| CS-PCL25SF | 25 | 36 | 30 | 19 | 20 | 21 | 23 | 5 |
| CS-PCL30SF | 30 | 40 | 32 | 22 | 24 | 26 | 27 | 7 |
| CS-PCL35SF | 35 | 42 | 33 | 25 | 26 | 27 | 32 | 7 |
| CS-PCL40SF | 40 | 43 | 34 | 30 | 32 | 34 | 36 | 7 |
| CS-PCL50SF | 50 | 46 | 37 | 38 | 40 | 42 | 45 | 8 |
| CS-PCL60SF | 60 | 48 | 39 | 46 | 48 | 50 | 54 | 9 |
| CS-PCL70SF | 70 | 52 | 41 | 50 | 52 | 54 | 63 | 12 |
| CS-PCL80SF | 80 | 52 | 47 | 51 | 54 | 63 | 72 | 14 |
| CS-PCL90SF | 90 | 57 | 48 | 52 | 59 | 71 | 81 | 15 |
| CS-PCL100SF | 100 | 56 | 57 | 59 | 68 | 73 | 90 | 17 |
| CS-PCL110SF | 110 | 56 | 60 | 68 | 71 | 81 | 95 | 19 |
| CS-PCL120SF | 120 | 64 | 66 | 84 | 88 | 90 | 98 | 22 |
| CS-PCL150SF | 150 | 65 | 69 | 100 | 104 | 107 | 114 | 21 |
| CS-PCL200SF | 200 | 80 | 65 | 150 | 159 | 165 | 180 | 30 |
| CS-PCL250SF | 250 | 81 | 73 | 175 | 179 | 183 | 190 | 32 |
| CS-PCL700SF | 700 | 107 | 105 | 300 | 305 | 315 | 320 | 50 |



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Lid For Crucibles, Platinum, Standard Form

| Catalog Number | Diameter (mm) | Thickness (mm) | Weight (g) |
|----------------|---------------|----------------|------------|
| CS-GCS2.5L | 12 | 0,15 | 2 |
| CS-GCS5L | 20 | 0,15 | 2 |
| CS-GCS8L | 25 | 0,15 | 2 |
| CS-GCS10L | 25 | 0,15 | 2 |
| CS-GCS15L | 30 | 0,15 | 3 |
| CS-GCS20L | 33 | 0,15 | 4 |
| CS-GCS25L | 36 | 0,15 | 4 |
| CS-GCS30L | 40 | 0,15 | 6 |
| CS-GCS35L | 41 | 0,15 | 6 |
| CS-GCS40L | 42 | 0,15 | 7 |
| CS-GCS50L | 45 | 0,15 | 8 |
| CS-GCS60L | 45 | 0,15 | 9 |
| CS-GCS70L | 49 | 0,2 | 12 |
| CS-GCS80L | 51 | 0,2 | 9 |
| CS-GCS90L | 54 | 0,2 | 15 |
| CS-GCS100L | 56 | 0,2 | 17 |
| CS-GCS110L | 56 | 0,2 | 19 |
| CS-GCS120L | 64 | 0,2 | 22 |
| CS-GCS150L | 65 | 0,2 | 27 |
| CS-GCS200L | 80 | 0,2 | 30 |
| CS-GCS250L | 81 | 0,2 | 32 |
| CS-GCS700L | 107 | 0,2 | 50 |



Crucibles, Platinum, Low Form

- Made with platinum, Low form
- Resistant to oxidation and corrosion
- High mechanical stability at high temperature
- Widely used in analytical laboratories
- Reinforcing of the rim gives the crucible a more robust character enabling regular handling and reducing rim deformation.

| Catalog Number | Capacity (ml) | Diameter (mm) | Depth (mm) | Std. Form | Estimated Weight (g) | Estimated Weight (g) | Estimated Weight (g) | Estimated Weight (g) |
|----------------|---------------|---------------|------------|-----------|-----------------------|------------------------|-------------------------|----------------------|
| | | | | | Rim Only (reinforced) | Base Only (reinforced) | Rim & Base (reinforced) | Std. Lid Only |
| CS-PCL8LF | 8 | 25 | 21 | 6 | 7 | 7 | 8 | 2 |
| CS-PCL10LF | 10 | 27 | 23 | 7 | 7.5 | 8 | 9 | 3 |
| CS-PCL15LF | 15 | 30 | 27 | 11 | 12 | 13 | 14 | 4 |
| CS-PCL20LF | 20 | 33 | 28 | 15 | 16 | 17 | 18 | 5 |
| CS-PCL25LF | 25 | 36 | 30 | 19 | 20 | 21 | 23 | 5 |
| CS-PCL30LF | 30 | 40 | 32 | 22 | 24 | 26 | 27 | 7 |
| CS-PCL35LF | 35 | 42 | 33 | 25 | 26 | 27 | 32 | 7 |
| CS-PCL40LF | 40 | 43 | 34 | 30 | 32 | 34 | 36 | 7 |
| CS-PCL50LF | 50 | 46 | 37 | 38 | 40 | 42 | 45 | 8 |
| CS-PCL60LF | 60 | 48 | 39 | 46 | 48 | 50 | 54 | 9 |
| CS-PCL70LF | 70 | 52 | 41 | 50 | 52 | 54 | 63 | 12 |
| CS-PCL75LF | 75 | 52 | 44 | 50 | 53 | 58 | 67 | 13 |
| CS-PCL80LF | 80 | 52 | 47 | 51 | 54 | 63 | 72 | 14 |
| CS-PCL90LF | 90 | 57 | 48 | 52 | 59 | 71 | 81 | 15 |
| CS-PCL100LF | 100 | 57 | 51 | 59 | 68 | 73 | 90 | 17 |
| CS-PCL110LF | 110 | 57 | 54 | 68 | 71 | 81 | 95 | 19 |
| CS-PCL120LF | 120 | 57 | 57 | 84 | 88 | 90 | 98 | 22 |
| CS-PCL125LF | 125 | 58 | 59 | 97 | 101 | 105 | 114 | 25 |



Lid For Crucibles, Platinum, Low Form

| Catalog Number | Diameter (mm) | Thickness (mm) | Weight (g) |
|----------------|---------------|----------------|------------|
| CS-GCS8L | 25 | 0,15 | 2 |
| CS-GCS10L | 27 | 0,15 | 2 |
| CS-GCS15L | 30 | 0,15 | 3 |
| CS-GCS20L | 33 | 0,15 | 4 |
| CS-GCS25L | 36 | 0,15 | 4 |
| CS-GCS30L | 40 | 0,15 | 6 |
| CS-GCS35L | 42 | 0,15 | 6 |
| CS-GCS40L | 43 | 0,15 | 7 |
| CS-GCS50L | 46 | 0,15 | 8 |
| CS-GCS60L | 48 | 0,15 | 9 |
| CS-GCS70L | 52 | 0,2 | 12 |
| CS-GCS75L | 52 | 0,2 | 13 |
| CS-GCS80L | 52 | 0,2 | 14 |
| CS-GCS90L | 57 | 0,2 | 15 |
| CS-GCS100L | 57 | 0,2 | 17 |
| CS-GCS110L | 57 | 0,2 | 19 |
| CS-GCS120L | 57 | 0,2 | 22 |
| CS-GCS125L | 58 | 0,2 | 25 |
| CS-GCS150L | 60 | 0,2 | 26 |



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