

# Reference Electrode Calomel / Silver Chloride / Mercury Sulfate

Item Number: ELERA



## Introduction

Find high-quality reference electrodes for electrochemical experiments with complete specifications. Our models offer resistance to acid and alkali, durability, and safety, with customization options available to meet your specific needs.

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|          |  |
|----------|--|
| Features | Good reproducibility, accurate potential application |
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|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 25°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | The overall length is 140mm, with the upper tube measuring 9.5mm by 35mm and the lower tube measuring 6mm by 65mm. |
|------------|--|

|       |   |
|-------|---|
| Types | Amalgam-mercury type. It offers a neutral charge and is available in three variations: single salt bridge, double salt bridge, and bent tube. |
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|----------|----------------------------|
| Features | suitable for small volumes |
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|------------------------------|----------|
| Applicable temperature range | 0 ~ 40°C |
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| Dimensions | 90mm overall length, 4*45mm in the down tube |
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The electrode properties are Ag/AgCl

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| Features | suitable for any situation |
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|------------------------------|----------|
| Applicable temperature range | 0 ~ 60°C |
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|            |   |
|------------|---|
| Dimensions | 105mm overall length, 6*45mm in the down tube |
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The nature of the electrode is Ag/AgCl, and the curved tube can be customized for silver chloride

|          |                     |
|----------|---------------------|
| Features | Potential stability |
|----------|---------------------|

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|------------------------------|----------|
| Applicable temperature range | 0 ~ 60°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | The overall size of the unit is 140mm, with the upper tube measuring $\phi 9.5 \times 35$ mm and the lower tube measuring $\phi 6 \times 65$ mm. |
|------------|--|

|       |   |
|-------|---|
| Types | Ag/AgCl type, neutral electrode; there are two kinds of single salt bridge and double salt bridge |
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|----------|------------------------|
| Features | use acidic electrolyte |
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|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 60°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | The overall size of the unit is 140mm, with the upper tube measuring $\phi 9.5 \times 35$ mm and the lower tube measuring $\phi 6 \times 65$ mm. |
|------------|--|

|       |  |
|-------|--|
| Types | Mercury type, acid electrode; there are two kinds of single salt bridge and double salt bridge |
|-------|--|

|          |                                    |
|----------|------------------------------------|
| Features | Suitable for alkaline electrolytes |
|----------|------------------------------------|

|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 60°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | The overall size of the unit is 140mm, with the upper tube measuring $\phi 9.5 \times 35$ mm and the lower tube measuring $\phi 6 \times 65$ mm. |
|------------|--|

|       |  |
|-------|--|
| Types | Mercury type, alkaline electrode; there are two kinds of single salt bridge and double salt bridge |
|-------|--|

|          |                                  |
|----------|----------------------------------|
| Features | Suitable for long-term reactions |
|----------|----------------------------------|

|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 60°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | The overall size of the unit is 145mm, the lower tube measuring $\phi 9.2 \times 120$ mm. Wiring is U-shaped blade |
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|       |   |
|-------|---|
| Types | The nature of the electrode is Ag/AgCl type, which can react unattended for a long time |
|-------|---|

|          |                                  |
|----------|----------------------------------|
| Features | Suitable for long-term reactions |
|----------|----------------------------------|

|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 60°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | The overall size of the unit is 145mm, the lower tube measuring $\phi 9.2 \times 120$ mm. Wiring is U-shaped blade |
|------------|--|

|       |  |
|-------|--|
| Types | The nature of the electrode is Ag/AgCl type, and the second liquid junction of the double junction type can be added on demand |
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|          |                                   |
|----------|-----------------------------------|
| Features | Protective electrode, easy to use |
|----------|-----------------------------------|

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|------------------------------|----------|
| Applicable temperature range | 0 ~ 80°C |
|------------------------------|----------|

|            |   |
|------------|---|
| Dimensions | Standard $\phi 10 \times 70$ mm, extended $\phi 10 \times 100$ mm |
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|       |  |
|-------|--|
| Types | The built-in sand core liquid junction is used to protect the electrode and reduce the liquid junction potential |
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|          |                                   |
|----------|-----------------------------------|
| Features | Protective electrode, easy to use |
|----------|-----------------------------------|

|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 80°C |
|------------------------------|----------|

|            |   |
|------------|---|
| Dimensions | Standard $\phi 10 \times 70$ mm, extended $\phi 10 \times 100$ mm |
|------------|---|

Used to protect the electrode and reduce the liquid junction potential

|          |                                   |
|----------|-----------------------------------|
| Features | Protective electrode, easy to use |
|----------|-----------------------------------|

|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 80°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | $\phi 12 \times 70$ mm / $\phi 6 \times 70$ mm / $\phi 6 \times 100$ |
|------------|--|

Used to protect the electrode and reduce the liquid junction potential

|          |                                   |
|----------|-----------------------------------|
| Features | Protective electrode, easy to use |
|----------|-----------------------------------|

|                              |          |
|------------------------------|----------|
| Applicable temperature range | 0 ~ 50°C |
|------------------------------|----------|

|            |  |
|------------|--|
| Dimensions | $\phi 6 \times 80$ mm / $\phi 10 \times 80$ mm |
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The guard electrode reduces the liquid junction potential