


ISE19, 62

CATALOGUE 2024-25



HSN Code : 90275090


**ION SELECTIVE ELECTRODES**

|                                       |  |   |                            |  |
|---------------------------------------|--|---|----------------------------|--|
| <b>Fluoride Combination Electrode</b> |  <p><b>Fluoride</b></p> <p><i>Application :</i><br/>Drinking Water, Waste water and natural waters, stack gases, sea water, minerals, soils, foods, biological, fluids, toothpaste.</p> | <p>* Use Plastic Containers only for analysis</p> | Part No                    | ISE19                                    |
|                                       |  |   | Ion Type                   | Fluoride                                 |
|                                       |  |   | Symbol                     | F <sup>-</sup>                           |
|                                       |  |   | Make                       | LABMAN                                   |
|                                       |  |   | Refillable or Gel (Sealed) | Refillable                               |
|                                       |  |   | Concentration range        | 10 <sup>-1</sup> M to 10 <sup>-5</sup> M |
|                                       |  |   | Limits (ppm)               | 1900 ppm to 0.2 ppm                      |
|                                       |  |   | pH Range                   | 5 to 7 pH                                |
|                                       |  |   | Temperature Range          | 5 to 60 °C                               |
|                                       |  |   | Electrode Resistance       | < 1MΩ                                    |
|                                       |  |   | Reproducibility            | ± 2%                                     |
|                                       |  |   | Membrane                   | Solid State                              |
|                                       |  |   | Material                   | Plastic                                  |
|                                       |  |   | Slope                      | -54 to -60 mV                            |
|                                       |  |   | Cable Length               | 1 meter                                  |
| Connector                             | BNC  |   |                            |  |
| Main Interferences                    | OH <sup>-</sup>  |   |                            |  |
| Dimension                             | Φ 12 x 165 mm  |   |                            |  |
| Standard Accessories                  | Fluoride Standard Solution & TISAB(500ml), IFS(30ml)   |   |                            |  |

**ISE can be used with Other Make Ion Meter having BNC Socket**



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|                                      |   |                            |  |
|--------------------------------------|---|----------------------------|--|
| <b>Nitrate Combination Electrode</b> |  <p><b>Nitrate</b></p> <p><i>Application :</i><br/>Pollution testing, foods, pharmaceuticals, explosives, fertilizers, plants, meats, pickling baths</p> | Part No.                   | ISE62                                    |
|                                      |   | Ion Type                   | Nitrate                                  |
|                                      |   | Symbol                     | NO <sub>3</sub> <sup>-</sup>             |
|                                      |   | Make                       | LABMAN                                   |
|                                      |   | Refillable or Gel (Sealed) | Refillable                               |
|                                      |   | Concentration range        | 10 <sup>-1</sup> M to 10 <sup>-4</sup> M |
|                                      |   | Limits (ppm)               | 6200 ppm to 6.2 ppm                      |
|                                      |   | pH Range                   | 2.5 to 11 pH                             |
|                                      |   | Temperature Range          | 5 to 60 °C                               |
|                                      |   | Electrode Resistance       | < 1MΩ                                    |
|                                      |   | Reproducibility            | ± 4%                                     |
|                                      |   | Membrane                   | PVC                                      |
|                                      |   | Material                   | Plastic                                  |
|                                      |   | Slope                      | -54 to -60 mV                            |
|                                      |   | Cable Length               | 1 meter                                  |
| Connector                            | BNC   |                            |  |
| Main Interferences                   | ClO <sub>4</sub> <sup>-</sup> , I <sup>-</sup> , BF <sub>4</sub> <sup>-</sup>   |                            |  |
| Dimension                            | Φ 12 x 165 mm   |                            |  |
| Standard Accessories                 | Nitrate Standard Solution & ISAB ( 500ml ),IFS (30ml)   |                            |  |

\* Specifications are subject to change without notice.