

CONDUCTIVITY METER MET31-005



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Conductivity meter is an instrument that measures the amount of electric conductivity or current in a solution. The conductance can be measured by applying an alternating electrical current to the two electrodes present in the solution, after which the cations move to the negative electrode and the anions move to the positive electrode. This movement ultimately leads the solution to be conductive.

MET31-005 CONDUCTIVITY METER



Product Image Coming Soon

SPECIFICATIONS

| Model | MET31-005 |
|-----------------------|--|
| Conductivity | |
| Range | 0.000 $\mu\text{S}/\text{cm}$ to 3000 mS/cm |
| Resolution | 0.001 $\mu\text{S}/\text{cm}$ minimum; changed with range |
| Accuracy | $\pm 0.5\%$ FS |
| Reference Temperature | 5, 10, 15, 18, 20, 25 $^{\circ}\text{C}$ |
| Calibration Points | Up to 5 |
| Standard Recognition | 146.5 $\mu\text{S}/\text{cm}$, 1408 $\mu\text{S}/\text{cm}$, 12.85 mS/cm , 111.3 mS/cm |
| Resistivity | |
| Range | 5.00 $\Omega\text{-cm}$ \sim 100.00 $\text{M}\Omega\text{-cm}$ |
| Resolution | 0.01 $\Omega\text{-cm}$ minimum; |
| Accuracy | $\pm 0.5\%$ FS |
| TDS | |
| Range | 0.000 mg/L \sim 1000 g/L |
| Resolution | 0.001ppm minimum; changed with range |
| Accuracy | $\pm 0.5\%$ |
| Salinity | |
| Type | NaCl % |
| Range | (0.00 \sim 8.00) % |
| Resolution | 0.01 % |
| Accuracy | $\pm 0.1\%$ |
| Temperature | |
| Range | - 5 to 130 $^{\circ}\text{C}$ |
| Unit | $^{\circ}\text{C}$ |

| | |
|--------------------|---|
| Resolution | 0.1 |
| Accuracy | ± 0.1 |
| Measurement | |
| Reading Mode | AutoRead(Fast, Medium,Slow), Timed, Continuous |
| Reading Prompts | Reading, Stable, Locked |
| Temp. Compensation | ATC, MTC |
| Data Management | |
| Data Storage | 1000 Groups |
| GLP Features | Yes |
| Log Management | Yes |
| Inputs | |
| Temp./DO Probe | 6-pin MiniDIN |
| Temp. /EC Probe | 8-pin MiniDIN |
| Outputs | |
| USB, RS 232 | USB 2.0 flash memory device, printer, PC |
| Display Options | |
| Backlight | Yes |
| Auto Shut-down | 1~60 min, off |
| IP Rating | IP54 |
| Date and Time | Yes |
| General | |
| Power | AC Adapter, 100-240 V AC input, DC24V output |
| Dimensions | 280×280×130 mm |
| Weight | 2500 g (5.51 lb) |



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