

Oakton® Benchtop CON 700 and 2700 Meters

Don't waste your valuable bench space

- No more squinting—large display allows for reading across the room
- Get the best resolution—autoranging feature reads 0 to 200.0 mS across five ranges
- More accurate—adjustable temperature coefficient, selectable cell constant, and automatic temperature compensation
- Store up to 500 readings for later retrieval

Oakton CON 2700 meter has advanced features for GLP-compliant readings—all calibration and stored data are stamped with time/date. Advanced setup options let you customize the meter to your needs. Informative display shows measurements together with temperature, electrode status, calibration points, time, and date all at once! Programmable functions include data logging intervals, limit alarms, and password protection. Data is easily exported to a computer via RS-232 port (order cable and adapter separately below).

What's included: conductivity/temperature probe 35608-74 (CON 700) or 35412-10 (CON 2700), electrode stand, and universal 100/240 VAC power supply.



Save time, save money!

Choose Precalibrated
Includes a data-rich, ISO 17025 certificate—no additional charge!

Precalibrated by **INNOCAL**
INNOVATIVE CALIBRATION SOLUTIONS

Features water-resistant keypad and pull-out reference guide.

OAKTON

ISO9001:2008
CERTIFIED SUPPLIER

CE

Meter only

| Description | | CON 700 meter | Precalibrated CON 700 meter | CON 2700 meter | Precalibrated CON 2700 meter |
|----------------------------|---|---|---|---|------------------------------|
| Catalog number | | GY-35411-00 | GY-35411-01 | GY-35412-00 | GY-35412-01 |
| Range | Conductivity | 0.0 to 20.00, 0 to 200.0, 0 to 2000 µS; 0 to 20.00, 0 to 200.0 mS | | 0.0 to 20.00, 0 to 200.0, 0 to 2000 µS; 0 to 20.00, 0 to 500.0 mS | |
| | TDS | 0.00 to 100.0 ppt | | 0.050 to 500.0 ppt | |
| | Salinity | — | | 0.0 to 80.0 ppt | |
| | Resistivity | — | | 2.000 Ω to 20.0 MΩ | |
| | Temperature | 32.0 to 212°F (0.0 to 100.0°C) | | 32.0 to 212°F (0.0 to 100.0°C) | |
| Resolution | Conductivity | 0.01, 0.1, 1 µS; 0.01, 0.1 mS | | 0.01, 0.1 µS; 0.001, 0.01, 0.1 mS | |
| | TDS | 0.01, 0.1, 1 ppm; 0.01, 0.1 ppt | | 0.01, 0.1 ppm; 0.001, 0.01, 0.1 ppt | |
| | Salinity | — | | 0.01, 0.1 ppm; 0.001, 0.01, 0.1 ppt | |
| | Resistivity | — | | 0.01 MΩ, 0.001, 0.01 kΩ, 0.01, 0.1 Ω | |
| | Temperature | 0.1°F or °C | | 0.1°F or °C | |
| Accuracy | Conductivity | ±1% full-scale | | ±1% full-scale | |
| | TDS | ±1% full-scale | | ±1% full-scale | |
| | Salinity | — | | ±1% full-scale | |
| | Resistivity | — | | ±1% full-scale | |
| | Temperature | ±0.9°F (±0.5°C) | | ±0.5°F (±0.3°C) | |
| Temperature compensation | Automatic or manual, adjustable from 0.0 to 10% per °F/°C | | Automatic or manual, adjustable from 0.0 to 10% per °F/°C | | |
| Cell constant (K) | Select from K = 0.1, 1.0, or 10 | | 0.010 to 10.000 | | |
| Conductivity-to-TDS factor | Adjustable from 0.4 to 1.0 | | Adjustable from 0.4 to 1.0 | | |
| Data logging | 100 data sets | | 500 data sets | | |
| Output | — | | RS-232 | | |
| Power | 100/240 VAC with universal adapter (included) | | 100/240 VAC with universal adapter (included) | | |
| Price | | | | | |

Teky's Tips



2-cell vs 4-cell conductivity probes

Most conductivity meters use either 2-cell or 4-cell conductivity probes. 2-cell probes feature electrode surfaces made of platinum, titanium, gold-plated nickel, or graphite, and are good for general applications. 4-cell electrodes use a reference voltage to compensate for any polarization or fouling of the electrode plates. The reference voltage ensures measurements indicate actual conductivity independent of electrode condition, resulting in higher accuracy.

Conductivity Probes

| Cell constant (K) | Body/electrode | Catalog number | Price |
|--|------------------------|-----------------------------|-------|
| 2-cell conductivity probes for CON 700 or CON 2700 meters | | | |
| 0.1 | Epoxy/platinum | GY-35608-72 | |
| 1.0 | Ultem®/stainless steel | GY-35608-74 | |
| 1.0 | Glass/platinum | GY-35608-76 | |
| 10 | Epoxy/platinum | GY-35608-78 | |
| 4-cell conductivity probes for CON 2700 meter only | | | |
| 0.1 | Epoxy/platinum | GY-35608-90 | |
| 1.0 | Epoxy/graphite | GY-35412-10 | |
| 1.0 | Glass/platinum | GY-35608-92 | |
| 10 | Epoxy/platinum | GY-35608-94 | |

Accessories

[GY-35420-01 RS-232 cable](#) for 2700 series meters

[GY-35630-53 USB cable](#) for 2700 series meters

[GY-17090-30 NIST-traceable calibration](#) with data for conductivity meters



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.