



Intellical MTC101 Laboratory Low Maintenance Gel Filled ORP/RedOx Electrode, 3 m Cable

Product #: MTC10103
AED Price: Contact Hach
Available

Intellical MTC101 is a digital, combination oxidation reduction potential (ORP/Redox) electrode with a non-refillable, gel-electrolyte reference and built-in temperature sensor. MTC101 has low maintenance needs thanks to a non-refillable gel-filled single open reference junction. The laboratory version of this metallic electrode is shockproof with its epoxy plastic body protecting down to the platinum sensing element. The Electrode is available with a 3 or 1 m cable. The MTC101 electrode is ideal for measuring ORP/RedOx absolute mV values in wastewater, drinking water and aqueous media applications. The MTC101 is not suitable for use with organic solvents.

Provides fast, stable response in a variety of applications

Intellical digital probes lock on the result when the measurement is stable, removing the guesswork in having a moving number. Additionally, the probe's large open reference junction provides maximum surface area between sample and reference electrolyte for fast measurement stability.

Ultimate traceability in measurement history

Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and probe serial number

User alerted when re-calibration is needed

No guesswork needed to provide most reliable and accurate results with each measurement.

Can be moved between meters without the need to re-calibrate or re-enter measurement settings

Ideal for a multi-user environment with multiple HQD series Laboratory and Portable meters

Specifications

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|-------------------|--|
| Accuracy: | ±0.02 mV or 0.05%, whichever is greater |
| Cable length: | 3 m |
| Electrode type: | Non-Refillable Gel Reference Element |
| Junction: | Open Junction |
| Kit?: | No |
| Length: | 175 mm |
| Measuring range: | ±1200 mV |
| Method Type: | Laboratory: Non-Refillable Gel Reference Element |
| Parameter: | ORP |
| Product Kit: | Model: MTC301 |
| | Accessories Included: None |
| Reference system: | Ag/AgCl |
| Resolution: | ±0.1 mV |
| Sample depth: | 20 mm |

| | |
|-------------------------|--|
| Sensor material: | Epoxy |
| Sensor type : | Platinum disc |
| Special Features: | Flat disc sensor for easy cleaning. |
| Temperature accuracy: | ±0.3 °C |
| Temperature range: | 0 - 80 °C |
| Temperature resolution: | 0.1 °C |
| Test requirements: | Parameter Needed: ORP |
| | Minimum Sample Depth (mm): 20 |
| Thermistor: | # |
| Warranty: | 6 months |
| Weight: | 0.15 kg |
| What's included?: | Intellical MTC101 Laboratory ORP/RedOx electrode with storage soaker bottle, 3 m cable, Test certificate, and Basic User Manual. |

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