

Benchtop pH Meter x1

- pH measurement range: approximately -2.00 to 16.00 pH
- mV/ORP range: approximately -2000 to +2000 mV
- Conductivity range: 0.01 $\mu\text{S}/\text{cm}$ to at least 500 mS/cm
- TDS range: 0.01 mg/L to at least 300 g/L
- Salinity range: up to 42 psu
- Temperature range: 0°C to 100°C or wider
- pH resolution: 0.01 pH
- pH accuracy: ± 0.01 pH
- mV resolution: 1 mV
- Conductivity accuracy: $\pm 0.5\%$ of reading
- Temperature resolution: 0.1°C
- Temperature accuracy: ± 0.3 – 0.5 °C
- Large, clear LCD display
- Easy-to-use keypad or interface
- Real-time display of measurement values
- Visual and acoustic endpoint indicators
- Compatible with standard pH electrodes (BNC connection)
- Conductivity probe input
- Temperature probe input
- Reference input where applicable
- Chemical-resistant housing (e.g., ABS)
- Removable electrode holder/arm
- Easy cleaning and maintenance
- Power supply: 100–240 V, 50/60 Hz
- External adapter (low voltage output)
- Visual and audible signals for measurement completion
- Minimum 2-year warranty
- User manual and technical documentation
- Installation and setup guidance
- Calibration and maintenance instructions
- Size / Weight 227 x 147 x 70 mm / 0.63 kg

Delivery Requirements

- Delivery location:
ARC-OVR-TADP BSL-3 Laboratory, Pretoria, South Africa
- Delivery personnel must:
 - Be willing to enter a **BSL-3 containment facility**
 - Comply with all **biosafety and access protocols**
 - Observe restriction:
No contact with **cloven-hoofed animals for 5 days** after entry