



## Eutech 5+ & 6+ Series Economy Handheld

- pH • ORP • Ion • Conductivity • TDS
- Salinity • Dissolved Oxygen

SOLUTIONS FOR WATER ANALYSIS

**EUTECH**  
INSTRUMENTS  
*Technology Made Easy ...*



# Corporate Profile

**EUTECH**  
**INSTRUMENTS**

*Technology Made Easy ...*

**| Over 15 Years of Product Excellence |** Eutech Instruments is a leading ISO9001-certified company established in 1990. Dedicated to the design and manufacture of sensor-based instruments for water quality analysis, Eutech is a pioneer in the development of ASIC-based (Application Specific Integrated Circuit) instruments, and is internationally recognised for its achievements in sensor technology, software programming and product design. Eutech has an extensive product line, which includes the world's first Windows® CE-driven colour touchscreen research-grade bench meter.

**| Commitment to R&D |** Eutech's competitiveness comes from our strong commitment to R&D. This is backed by a dedicated team of scientists and engineers that thrives on meeting new technological challenges to simplify laboratory and field analytical procedures. The Eutech team is constantly driven to explore the latest technologies and applying them in our design and manufacture of advanced instruments. The result is a unique line of products that are accurate, consistent, reliable and easy to use.

**| Comprehensive Product Line |** Eutech's constant drive for innovation is reason for our unique and expansive portfolio of microprocessor-based instruments and chemical sensor systems. We offer a comprehensive range of laboratory and field instruments for electrochemical and photometric water analysis. Eutech also manufactures continuous on-line process instruments for the monitoring and control of pH, Conductivity, Total Dissolved Solids (TDS), Redox Potential (ORP), Dissolved Oxygen (DO) and other water quality parameters.

Eutech products range from compact pocket testers and portable meters to research-grade benchtop meters and industrial process controllers. Each product carries the signature Eutech intuitive design and is packed with advanced user-friendly features.

**| Customer Focus |** Every Eutech innovation is conceptualised with the user in mind. This, coupled with our strategic location in the design and technology hub of Asia, has enabled the company to produce cutting edge instruments at competitive prices. Our consistent demonstration of insight into customer needs and product demands has earned the company consecutive Frost & Sullivan Market Engineering awards for Product Line Strategy.

Driven by a successful Total Customer Satisfaction Program incorporated in the ISO9001:2000 Quality System, all products undergo extensive testing and calibration by a qualified team of technical experts. Stringent quality control measures guarantee consistency, durability and performance. Eutech products are certified to comply with various global testing standards.

**| Forging New Frontiers in Water Analysis |** Underlying Eutech's objective to be a world leader in the field of water analysis instrumentation, the company adopts a proactive stand in anticipating the needs of the industry. With increasing global awareness and concern for water quality, the future provides new and exciting challenges and opportunities. To realize the potential of advanced water analytical technologies, Eutech will continue to forge close links and strategic alliances with research institutions, government agencies and private sector firms worldwide. These efforts support the Eutech mission – to make advanced technology easy to use.

**| Global Reach |** Eutech products are marketed in over seventy countries worldwide, through an extensive network of associate companies and distributors, with manufacturing facilities in Singapore and Malaysia. Eutech Instruments Singapore has a full-fledged value-chain operation which comprises R&D, manufacturing, marketing, customer service and logistics for worldwide support to customers.

**| Thermo Fisher Scientific |** Eutech is part of Thermo Fisher Scientific, the world leader in serving science. Thermo Fisher Scientific enables customers to make the world healthier, cleaner and safer by providing analytical instruments, equipment, reagents and consumables, software and services for research, analysis, discovery and diagnostics. With annual sales of more than \$9 billion, Thermo Fisher Scientific has 30,000 employees and serves more than 350,000 customers in pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies as well as environmental, industrial quality and process control settings.

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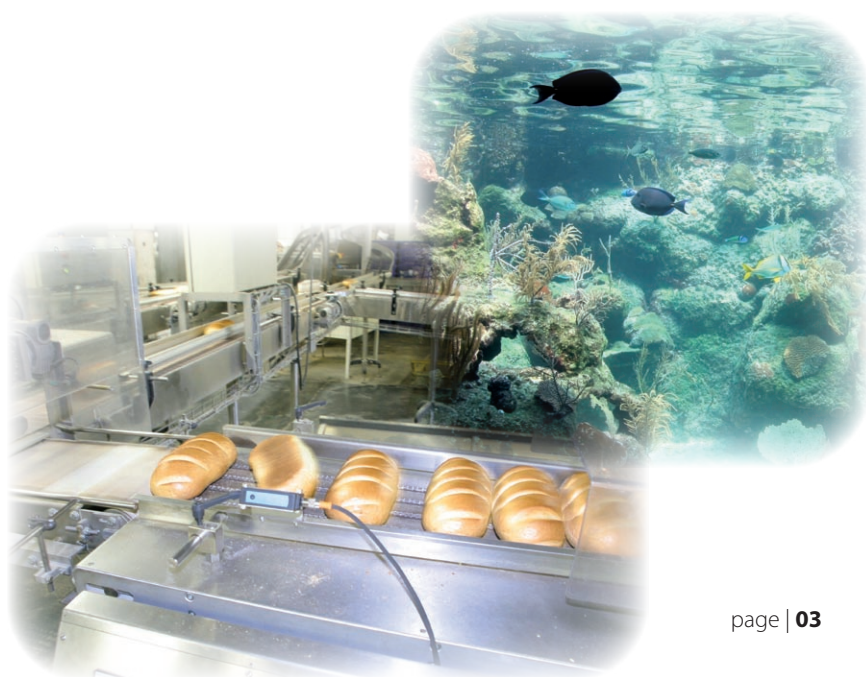
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## Main Features

- Easy To Use
- Self-Diagnostic
- IP54 Rating
- Convenient Push-Button Calibration
- Energy-Saving & Low Maintenance
- Compact & Lightweight



**Rubber Boot** protects against knocks and hits



**Easy-To-Read Display**  
Customised LCD screen



**Tactile Keypad**  
with simple, straightforward design for easy operation



**Compact Design Fits Your Palm Perfectly**  
Designed for easy single-hand operation



**Convenient Benchtop Stand**



### User-Friendly

Diagnostic, easy to understand trouble-shooting prompts

### Splashproof & Shock-Resistant

Built with shock-resistant ABS plastic and protected by an IP54-rated housing against accidental splashes

### Hold Function

Freezes readings momentarily for easy viewing and recording

### Energy and Cost Saving

Switches off automatically after 20 minutes of inactivity

### Automatic Temperature Compensation

Accurate readings, even under varying temperature conditions

### Non-Volatile Memory

Meter settings are saved, even when batteries run out



## Eutech Ion 6+

### pH / ORP / Ion / Temperature

The Eutech Ion 6+ is value-for-money, offering measurements for pH, ORP, temperature and ion concentration. With its compact and sturdy design, the lightweight meter is your ideal choice for field and lab work.

- Convenient and easy to use with pre-programmed Ion calibration points
- mV mode allows you to check electrode calibration and performance
- Offers a wide measurement range of up to  $\pm 500$  mV
- Compatible with a large variety of ISE electrodes

**Applications:** • Pools and spas • Ponds and aquariums • Agriculture and hydroponics • Water and wastewater treatment • Cooling towers • Food processing • Photo-development and printing • Ecological studies • Field, laboratory and education institutions

## Eutech Ion 6+; pH 6+; pH 5+



## Eutech pH 6+; Eutech pH 5+

### pH / ORP / Temperature

Eutech's pH 6+ and pH 5+ offer you the greatest value-for-money for your basic pH measurement needs. Rugged and user-friendly, these no-frill meters come with protective IP54 rubber boots for protection against harsh field elements.

- High pH accuracy of  $\pm 0.01$
- 3-point push-button calibration with auto-buffer recognition – quick, easy calibration with no mistakes
- Self-diagnostic messages for easy trouble-shooting
- Switch between pH and Temperature readouts easily with the press of a button

### Expanded Features of Eutech pH 6+

- Measures ORP in addition to pH and Temperature

**Applications:** • Pools and spas • Ponds and aquariums • Agriculture and hydroponics • Water and wastewater treatment • Cooling towers • Food processing • Photo-development and printing • Ecological studies • Field, laboratory and education institutions



## Eutech COND 6+; Eutech TDS 6+

### Conductivity / Temperature ; Total Dissolved Solids / Temperature

Sturdy and economical, the Eutech COND 6+ and Eutech TDS 6+ combine ease-of-use with high performance. The handy meters are IP54 splashproof and come with a conductivity/TDS electrode with automatic temperature compensation function – great for fieldwork and value-for-money!

- Up to 5-point push-button calibration with auto-buffer recognition – quick, easy calibration with no mistakes
- Up to  $\pm 1\%$  full scale accuracy
- Selectable automatic/manual temperature compensation
- Eutech COND 6+ features auto-ranging capability for Conductivity measurements
- Eutech TDS 6+ features adjustable TDS factor for direct derivation of values

**Applications:** • Pools and spas • Ponds and aquariums • Agriculture and hydroponics • Water and wastewater treatment • Cooling towers • Food processing • Photo-development and printing • Ecological studies • Field, laboratory and education institutions

## Eutech COND 6+, TDS 6+ & Salt 6+



## Eutech Salt 6+

### Salinity / Temperature

The lightweight Eutech Salt 6+ offers  $\pm 1\%$  full scale accuracy and comes with an electrode designed with in-built automatic temperature compensation function – handy, accurate and very user-friendly.

- Measures in ppt and %
- Temperature readings accurate to  $0.1\text{ }^{\circ}\text{C}$
- Electrode with built-in ATC designed for minimal air bubble entrapment during measurement
- User-customisation for normalisation temperature and temperature coefficient
- Quick and easy push-button calibration
- Non-linear salt curve provide enhanced accuracy

**Applications:** • Pools and spas • Ponds and aquariums (marine fish) • Agriculture and hydroponics • Brines • Food processing and healthcare industry • Ecological studies • Field, laboratory and education institutions



# Eutech DO 6+



## Eutech DO 6+

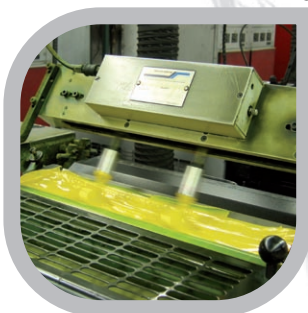
### Dissolved Oxygen / Temperature

Eutech's DO 6+ offers high performance at an affordable price. Rugged and user-friendly, this no-frills meter comes in a sturdy IP54-rated housing, and measures in both mg/L (ppm) and % saturation.

- Push-button calibration with auto-buffer recognition for quick and easy calibration with no mistakes
- Calibration can be performed at 100 % and/or at 0 % against a known solution
- Auto-compensation of Salinity and Barometric Pressure with manual input
- Galvanic probe eliminates polarisation delay and delivers quick, stable response – no warm-up time required!

**Applications:** • Ponds and aquariums • Aquaculture (catfish and shrimp farming) • Water and wastewater treatment • Recirculating systems • Industrial process systems • Water-quality testing • Surface and ground water testing (meet EPA regulations) • Ecological studies and monitoring • Field, laboratory and education institutions

<< Printing



<< Swimming Pool



<< Aquarium



Eutech

## Economy Handheld Accessories

**| Cyberkit |** The Cyberkit consists of a carry case made of sturdy reinforced plastic, calibrating sachets and sample bottles thoughtfully designed to hold your meter and electrodes. It's all you need for your outfield measurements.

**| Electrodes |** Eutech offers an extensive selection of epoxy and glass-body electrodes for a wide range of parameters and applications. Combination designs are convenient and require no separate sensing and reference half-cell electrodes.

**| Buffer & Calibration Solutions (480 ml) |** Eutech Buffers and Calibration Solutions are available in packs of 480 ml durable plastic bottles – economical and convenient for laboratory use.  
(MSDS and COA can be downloaded under "Support" at <http://www.eutechinst.com>)

**| Calibration Sachets (20 x 20 ml Per Box) |** Economical NIST traceable sachets offer quick, accurate and convenient calibration. Simply insert electrode into sachet pack, calibrate, rinse and discard sachet – no separate container needed!



Electrodes



pH Buffer Solutions



pH Buffer Sachets



Cyberkit



# Economy Handheld Ordering Information

## Meters

| Model | Order Code     | Part No.  | Description                                                                                                                                                                                                                                 |
|-------|----------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ion   | ECION602PLUSK  | 01X256410 | Eutech Ion 6+ Ion/pH/mV Meter with Single Junction pH Electrode ECFC7252101B, ATC Electrode ECPH5TEM01P & pH Carrying Kit Set (Includes 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each)) |
| Ion   | ECION601PLUS   | 01X256409 | Eutech Ion 6+ Ion/pH/mV Meter with ATC Electrode ECPH5TEM01P                                                                                                                                                                                |
| pH    | ECPH603PLUSK   | 01X245027 | Eutech pH 6+ pH/mV Meter with "3-in-1" pH/Temperature Combi Electrode ECFC7352901B & pH Carrying Kit Set (Includes 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each))                      |
| pH    | ECPH602PLUSK   | 01X245026 | Eutech pH 6+ pH/mV Meter with Single Junction pH Electrode ECFC7252101B, ATC Electrode ECPH5TEM01P & pH Carrying Kit Set (Includes 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each))      |
| pH    | ECPH601PLUSK   | 01X245028 | Eutech pH 6+ pH/mV Meter with ATC Electrode ECPH5TEM01P & pH Carrying Kit Set (Includes 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each))                                                 |
| pH    | ECPH601PLUS    | 01X245025 | Eutech pH 6+ pH/mV Meter with ATC Electrode ECPH5TEM01P                                                                                                                                                                                     |
| pH    | ECPH503PLUSK   | 01X244913 | Eutech pH 5+ pH Meter with "3-in-1" pH/Temperature Combi Electrode ECFC7352901B & pH Carrying Kit Set (Includes 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each))                         |
| pH    | ECPH502PLUSK   | 01X244912 | Eutech pH 5+ pH Meter with Single Junction pH Electrode ECFC7252101B, ATC Electrode ECPH5TEM01P & pH Carrying Kit Set (Includes 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each))         |
| pH    | ECPH501PLUS    | 01X244911 | Eutech pH 5+ pH Meter with ATC Electrode ECPH5TEM01P                                                                                                                                                                                        |
| COND  | ECCON603PLUSK  | 01X289425 | Eutech COND 6+ Conductivity Meter with Electrode ECCONSEN91B & Conductivity Carrying Kit Set (Includes 1 x 1413 µS, 12.88 mS, 84 µS KCL Standard Solutions & 1 x Deionised (Rinse) Water (60 ml Each))                                      |
| COND  | ECCON603PLUS   | 01X289426 | Eutech COND 6+ Conductivity Meter with Electrode ECCONSEN91B                                                                                                                                                                                |
| TDS   | ECTDS603PLUSK  | 01X289427 | Eutech TDS 6+ TDS Meter with Electrode ECCONSEN91B & TDS Carrying Kit Set (Includes 1 x 3000 ppm, 300 ppm, 50 ppm 442 Standard Solutions & 1 x Deionised (Rinse) Water (60 ml Each))                                                        |
| TDS   | ECTDS603PLUS   | 01X289428 | Eutech TDS 6+ TDS Meter with Electrode ECCONSEN91B                                                                                                                                                                                          |
| Salt  | ECSALT603PLUSK | 01X289429 | Eutech SALT 6+ Salinity Meter with Electrode ECCONSEN91B & Salinity Carrying Kit Set (1 x 5 ppt, 25 ppt, 45 ppt NaCl Standard Solutions & 1 x Deionised (Rinse) Water (60 ml Each))                                                         |
| Salt  | ECSALT603PLUS  | 01X289430 | Eutech SALT 6+ Salinity Meter with Electrode ECCONSEN91B                                                                                                                                                                                    |
| DO    | ECDO602PLUSK   | 01X370113 | Eutech DO 6+ Dissolved Oxygen Meter with 3 m Cable Electrode ECDO6HANDY3M, 2 Assembled Membrane Cap Housing, 1 Refilling Electrolyte (10 ml) & Carrying Kit Set                                                                             |
| DO    | ECDO601PLUSK   | 01X370114 | Eutech DO 6+ Dissolved Oxygen Meter with 1 m Cable Electrode ECDO6HANDY, 2 Assembled Membrane Cap Housing, 1 Refilling Electrolyte (10 ml) & Carrying Kit Set                                                                               |

## Electrodes & Accessories

| Model            | Order Code    | Part No.  | Description                                                                                                                                                                  |
|------------------|---------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pH               | ECFC7252101B  | 01X099412 | General Purpose Plastic-Body Single Junction Gel-Filled pH Combination Electrode, 12x110 mm, BNC Connector, 1 m Cable                                                        |
| pH               | ECFC7252201B  | 01X099417 | General Purpose Plastic-Body Double Junction Gel-Filled pH Combination Electrode, 12x110 mm, BNC Connector, 1 m Cable                                                        |
| pH               | ECFC72522R01B | 01X099414 | General Purpose Plastic-Body Double Junction Refillable pH Combination Electrode, 12x90 mm, BNC Connector, 1 m Cable & 10 ml Refilling Electrolyte                           |
| pH               | ECFC7352901B  | 01X218964 | General Purpose Plastic-Body "3-In-1" pH/Temp Combination Electrode, 12x90 mm, BNC Connector, 1 m Cable                                                                      |
| pH               | ECPH5TEM01P   | 01X021804 | ATC Electrode; 1 m Cable                                                                                                                                                     |
| pH               | ECECOPHKIT    | 01X266901 | Economy pH Carrying Kit Set – Plastic Carrying Case Comprises: 1 x pH 4.01, pH 7.00 Buffer Solutions, Storage Solution & 1 x Deionised (Rinse) Water (60 ml Each)            |
| COND<br>TDS/Salt | ECCONSEN91B   | 01X244701 | 2 Stainless Steel Rings Ultem-Body Electrode with ATC, Cell Constant K=1.0, 12x110 mm, BNC Connector, 1 m Cable                                                              |
| COND<br>TDS/Salt | ECECOCONKIT   | 01X266902 | Economy Conductivity/TDS Carrying Kit Set – Plastic Carrying Case Comprises: 1 x 1413 µS, 12.88 mS KCl & 3000 ppm 442 Standard Solutions & 1 x Deionised Rinse Water (60 ml) |
| DO               | ECDO6HANDY3M  | 01X233916 | Galvanic Dissolved Oxygen Electrode with ATC, 3 m Cable                                                                                                                      |
| DO               | ECDO6HANDY    | 01X233913 | Galvanic Dissolved Oxygen Electrode with ATC, 1 m Cable                                                                                                                      |
| DO               | 01X241608     | 01X241608 | Assembled Membrane Cap Housing for ECDO6HANDY & ECDO6HANDY3M                                                                                                                 |
| Others           | ECECODRYKIT   | 01X266903 | Economy Neutral Carrying Kit Set – Plastic Carrying Case Comprises: 4 x Empty Sample Bottles (60 ml)                                                                         |



# Economy Handheld Specification Tables

Eutech reserves the right to make changes, improvements and modifications to products shown.



**| Warranty |** Eutech Instruments provides three years of warranty against manufacturing defects for our meters, and six months for our electrodes.



| pH/Oxidation Reduction Potential (ORP)<br>Economy Handheld Meters |                          | Ion 6+                                                                            | pH 6+                                                                              | pH 5+                                                                               |
|-------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                   |                          |  |  |  |
| pH                                                                | Range                    | 0.00 to 14.00 pH                                                                  |                                                                                    |                                                                                     |
|                                                                   | Resolution               | 0.01 pH                                                                           |                                                                                    |                                                                                     |
|                                                                   | Accuracy                 | ±0.01 pH                                                                          |                                                                                    |                                                                                     |
|                                                                   | Calibration Points       | Up to 3                                                                           |                                                                                    |                                                                                     |
|                                                                   | Buffer Sets              | USA, NIST, PWB                                                                    |                                                                                    |                                                                                     |
| Ion                                                               | Range                    | 0.01 to 0.99, 1.0 to 199.9, 200 to 1999 ppm                                       | –                                                                                  | –                                                                                   |
|                                                                   | Resolution               | 0.01, 0.1, 1 ppm                                                                  | –                                                                                  | –                                                                                   |
|                                                                   | Accuracy                 | ±1 % full scale                                                                   | –                                                                                  | –                                                                                   |
|                                                                   | Calibration Points       | Up to 3                                                                           | –                                                                                  | –                                                                                   |
| Temperature                                                       | Range                    | 0.0 to 100.0 °C                                                                   |                                                                                    |                                                                                     |
|                                                                   | Resolution               | 0.1 °C                                                                            |                                                                                    |                                                                                     |
|                                                                   | Accuracy                 | ±0.5 °C                                                                           |                                                                                    |                                                                                     |
| ORP                                                               | Range                    | ±500 mV                                                                           | ±1000 mV                                                                           | –                                                                                   |
|                                                                   | Resolution               | 0.1 mV (±199.9); 1 mV (beyond)                                                    | 1 mV                                                                               | –                                                                                   |
|                                                                   | Accuracy                 | ±0.2 mV (±199.9); ±2 mV (beyond)                                                  | ±2 mV                                                                              | –                                                                                   |
| Meter Features                                                    | Temperature Compensation | ATC/MTC (0 °C to 100 °C)                                                          |                                                                                    |                                                                                     |
|                                                                   | IP Rating                | IP54                                                                              |                                                                                    |                                                                                     |
|                                                                   | Hold Function            | Yes                                                                               |                                                                                    |                                                                                     |
|                                                                   | Auto-Off                 | 20 mins after last key press                                                      |                                                                                    |                                                                                     |
|                                                                   | Average/Stability        | Yes                                                                               |                                                                                    |                                                                                     |
|                                                                   | Inputs                   | BNC, 2.5 mm phono socket                                                          |                                                                                    |                                                                                     |
|                                                                   | Power Requirements       | 4x 1.5 V 'AAA' alkaline batteries ; >200 hours                                    |                                                                                    |                                                                                     |
| Dimensions (LxWxH); Weight                                        | Meter                    | 15.7 x 8.5 x 4.2 cm ; 255 g                                                       |                                                                                    |                                                                                     |
|                                                                   | Boxed                    | 24 x 17 x 8 cm ; 555 g                                                            |                                                                                    |                                                                                     |

| Conductivity/Total Dissolved Solids (TDS)<br>Economy Handheld Meters |                          | COND 6+                                                                                                                           | TDS 6+                                                                                                    |
|----------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                                                                      |                          |                                                |                      |
| Conductivity                                                         | Range                    | .. to 19.99 µS/cm,<br>19.9 µS/cm to 199.9 µS/cm, 199 µS/cm to 1999 µS/cm,<br>2.00 mS/cm to 19.99 mS/cm, 20.0 mS/cm to 199.9 mS/cm | –                                                                                                         |
|                                                                      | Resolution               | 0.05 % full scale                                                                                                                 | –                                                                                                         |
|                                                                      | Accuracy                 | ±1 % full scale + 1 LSD                                                                                                           | –                                                                                                         |
| TDS                                                                  | Range                    | –                                                                                                                                 | .. to 9.99 ppm *, 10.0 ppm to 99.9 ppm, 100 ppm to 999 ppm,<br>1.00 ppt to 9.99 ppt, 10.0 ppt to 99.9 ppt |
|                                                                      | Resolution               | –                                                                                                                                 | 0.05 % full scale                                                                                         |
|                                                                      | Accuracy                 | –                                                                                                                                 | ±1 % full scale + 1 LSD                                                                                   |
|                                                                      | TDS Factor               | –                                                                                                                                 | 0.40 to 1.0                                                                                               |
| Calibration Points                                                   |                          | 4 (1 per range) auto, 5 (1 per range) manual                                                                                      | 5 (1 per range) manual                                                                                    |
| Temperature                                                          | Range                    | 0.0 to 80.0 °C / 32 to 176 °F (with supplied probe)                                                                               |                                                                                                           |
|                                                                      | Resolution               | 0.1 °C / 0.1 °F                                                                                                                   |                                                                                                           |
|                                                                      | Accuracy                 | ±0.5 °C / ±0.9 °F                                                                                                                 |                                                                                                           |
|                                                                      | Coefficient              | 0.0 to 3.0 %                                                                                                                      |                                                                                                           |
|                                                                      | Normalisation            | 20.0 or 25.0 °C                                                                                                                   |                                                                                                           |
|                                                                      | Operating Range          | 0 to 50 °C                                                                                                                        |                                                                                                           |
| Meter Features                                                       | Cell Constant            | 0.1, 1.0, 10.0                                                                                                                    |                                                                                                           |
|                                                                      | Temperature Compensation | ATC/MTC (0 °C to 80 °C) (with supplied probe)                                                                                     |                                                                                                           |
|                                                                      | IP Rating                | IP54                                                                                                                              |                                                                                                           |
|                                                                      | Hold Function            | Yes                                                                                                                               |                                                                                                           |
|                                                                      | Auto-Off                 | 20 mins after last key press                                                                                                      |                                                                                                           |
|                                                                      | Inputs                   | BNC, 2.5 mm phono socket                                                                                                          |                                                                                                           |
|                                                                      | Power Requirements       | 4x 1.5 V 'AAA' alkaline batteries ; >100 hours                                                                                    |                                                                                                           |
| Dimensions (LxWxH); Weight                                           | Meter                    | 15.7 x 8.5 x 4.2 cm ; 255 g                                                                                                       |                                                                                                           |
|                                                                      | Boxed                    | 24 x 17 x 8 cm ; 555 g                                                                                                            |                                                                                                           |

\* Maximum 199.9 ppt depending on factor setting

| Salinity Economy Handheld Meter |                          | Salt 6+                                                                            |
|---------------------------------|--------------------------|------------------------------------------------------------------------------------|
|                                 |                          |  |
| Salinity (TDS)/%                | Range                    | .. to 50.0 ppt / .. to 5.00 %                                                      |
|                                 | Resolution               | 0.1 ppt / 0.01 %                                                                   |
|                                 | Accuracy                 | ±1 % full scale                                                                    |
|                                 | Calibration Points       | 1                                                                                  |
| Temperature                     | Range                    | -10 to 80 °C                                                                       |
|                                 | Resolution               | 0.1 °C                                                                             |
|                                 | Accuracy                 | ±0.5 °C                                                                            |
|                                 | Coefficient (Per °C)     | 0.0 to 3.0 %                                                                       |
|                                 | Normalisation            | 20.0 °C and 25.0 °C (selectable)                                                   |
| Meter Features                  | Temperature Compensation | ATC/MTC (0 to 50 °C)                                                               |
|                                 | IP Rating                | IP54                                                                               |
|                                 | Hold Function            | Yes                                                                                |
|                                 | Auto-Off                 | 20 mins after last key press                                                       |
|                                 | Inputs                   | BNC, 2.5 mm phono socket                                                           |
|                                 | Power Requirements       | 4x 1.5 V 'AAA' alkaline batteries ; >100 hours                                     |
| Dimensions (LxWxH); Weight      | Meter                    | 15.7 x 8.5 x 4.2 cm ; 255 g                                                        |
|                                 | Boxed                    | 24 x 17 x 8 cm ; 555 g                                                             |

| Dissolved Oxygen (DO) Economy Handheld Meter |                          | DO 6+                                                                               |
|----------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|
|                                              |                          |  |
| Dissolved Oxygen                             | Range                    | 0.00 to 19.99 mg/L or ppm                                                           |
|                                              | Resolution               | 0.01 mg/L or ppm                                                                    |
|                                              | Accuracy                 | ±1.5 % full scale                                                                   |
| % Of Saturation Of Oxygen                    | Range                    | 0.0 to 199.9 %                                                                      |
|                                              | Resolution               | 0.10 %                                                                              |
|                                              | Accuracy                 | ±1.5 % full scale                                                                   |
| Temperature                                  | Range                    | 0.0 to 50.0 °C / 32 to 122 °F                                                       |
|                                              | Resolution               | 0.1 °C                                                                              |
|                                              | Accuracy                 | ±0.5 °C                                                                             |
| Salinity Correction                          | Range                    | 0.0 to 50.0 ppt                                                                     |
|                                              | Resolution               | 0.1 ppt                                                                             |
|                                              | Method                   | Automatic correction after manual input                                             |
| Barometric Pressure Correction               | Range                    | 500 to 1499 mmHg or 66.6 to 199.9 kPa                                               |
|                                              | Resolution               | 0.1 mmHg or 0.1 kPa                                                                 |
|                                              | Method                   | Automatic correction after manual input                                             |
| Calibration                                  |                          | 2-point (0 %, 100 %), 1-point (mg/L)                                                |
| Probe                                        | Type                     | Galvanic                                                                            |
| Meter Features                               | Temperature Compensation | ATC/MTC (0.0 °C to 50.0 °C)                                                         |
|                                              | IP Rating                | IP54                                                                                |
|                                              | Hold Function            | Yes                                                                                 |
|                                              | Auto-Off                 | 20 mins after last key press                                                        |
|                                              | Inputs                   | BNC, 2.5 mm phono socket                                                            |
|                                              | Power Requirements       | 4x 1.5 V 'AAA' alkaline batteries ; >100 hours                                      |
| Dimensions (LxWxH); Weight                   | Meter                    | 15.7 x 8.5 x 4.2 cm ; 255 g                                                         |
|                                              | Boxed                    | 24 x 17 x 8 cm ; 555 g                                                              |



Eutech Instruments manufactures a comprehensive range of laboratory and field instrumentation for water analysis. Eutech Instruments also produces on-line process instruments for water quality monitoring and control. Innovative products from Eutech include:

Dual Display Testers | Economy + Series Handhelds | Waterproof Colorimeters and Turbidimeters | CyberScan Handhelds | CyberScan Bench Meters | CyberScan Touchscreen Meters

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