

Enterprise Range



- Large, back lit LCD
- Ergonomic design

500 hours battery life

These ergonomically designed products feature a backlit liquid crystal display, a reading hold function and 500 hours

battery life. Ideal for field or any portable situation.

Order Code

970 271

350 201	Model 350 pH meter supplied with epoxy combination electrode, 4, 7 and 10 pH buffer sachets and instructions
350 271	Model 350 pH meter supplied as above in FREE carry case
370 201	Model 370 pH/mV/temp meter supplied with epoxy combination electrode, ATC probe, 3 sachets of 4, 7 and 10 pH buffer and instructions
370 271	Model 370 pH/mV/temp meter supplied as above in FREE carry case
430 201	Model 430 pH/Conductivity meter supplied with combined pH/conductivity probe (430 231), 4, 7, 10 pH buffer sachets, batteries (fitted) and operating instructions
430 271	Model 430 pH/Conductivity meter supplied as above in FREE carry case
470 201	Model 470 Conductivity/TDS meter supplied with epoxy cell K=1 and instructions
470 271	Model 470 Conductivity/TDS meter supplied as above in FREE carry case
970 201	Model 970 DO ₂ meter supplied with DO ₂ probe, spare membranes and KCl, zero

 $\textbf{Model 970} \ \mathsf{DO}_2 \ \mathsf{meter supplied as above in FREE carry case}$

All models are supplied with batteries fitted.

salts and instructions



Enterprise model 430 - Combined pH/Conductivity

pH (1 or 2 point calibration)

 $\begin{array}{lll} \mbox{Range:} & \mbox{0 to 14 pH} \\ \mbox{Resolution:} & \mbox{0.01 pH} \\ \mbox{Accuracy:} & \pm 0.02 \mbox{ pH} \end{array}$

Conductivity

Ranges: 5 switched ranges

0 to 19.99μS - 0 to 199.9mS

Resolution: $0.01\mu S, 0.1\mu S, 1\mu S, 0.01m S, 0.1m S$

Accuracy: $\pm 0.5\% \pm 2$ digits

TDS

Ranges: 5 switched ranges

0 to 19.99mg/l - 0 to 199.9g/l

Resolution: 0.01mg/l, 0.1mg/l, 1mg/l, 0.01g/l, 0.1g/l

Accuracy: $\pm 0.5\% \pm 2$ digits

Temperature

Ranges: -9.9 to +99.9°C/14 to 212°F

Resolution: $0.1^{\circ}\text{C} / 1^{\circ}\text{F}$ Accuracy: $\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$

ATC Range: 0 to 99.9°C / 32 to 212°F Manual Temp. Comp.: 0 to 99.9°C / 32 to 212°F

Auto buffer recog.: 4, 7, 9.22 & 10.05 (man. override facility)

Power: 2 AA cells

Battery life: Typically 100 hours

Size: 175(I) x 75(w) x 35(d) mm

Weight: 250g

399 241 To offer additional flexibility an Enterprise electrochemical kit is available. The kit comprises the Models 370 pH meter, the 470 Conductivity meter and the 970 DO₂ meter supplied in a custom designed carrying case.

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Accessories included are an epoxy combination pH electrode, ATC probe, buffe

Accessories included are an epoxy combination pH electrode, ATC probe, buffer sachets, conductivity cell with ATC, DO₂ probe, spare membranes & KCI, zero salts, batteries (fitted) and instruction manuals.





ortable pH, Ion, Conductivity & DO2 Meters

Premier Range



- Waterproof to IP67
- Full interfacing capability
- Language options

Auto shut-off feature

CE & G.L.P. compliant

Designed and constructed to resist the harshest of field, laboratory and industrial environments. The whole system is waterproof to IP67, and if dropped into

water will float. These products are ideal for on-site water quality measurement in a multitude of customer applications.

Order Code

538 001 Model 3150 pH meter supplied with pH/temperature probe (027 227), pH 4 & 7 buffers, batteries and manual

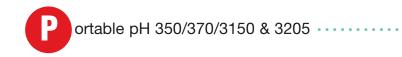
539 501 Model 3205 Ion meter supplied with pH/temperature probe (027 227), pH 4 & 7 buffers, detachable electrode lead (013 161), waterproof to BNC lead (538 014), batteries and manual

553 001 Model 4150 Conductivity meter supplied with epoxy cell with ATC (K=1) (027 233), batteries and instruction manual

540 001 Model 4200 Conductivity meter supplied with epoxy cell with ATC (K=1) (540 520), batteries and instruction manual

557 001 Model 9150 DO₂ meter supplied with DO₂ probe (541 520), spare membranes and KCI, zero powder, membrane cover, membrane protective cap, batteries and manual

541 001 Model 9200 DO₂ meter supplied with DO₂ probe (541 520), spare membranes and KCI, zero powder, membrane cover, membrane protective cap, batteries and manual



Enterprise models 350 & 370

350 370

pH range -2 to 16.00pH -2 to 16.00pH Resolution (Accuracy) 0.01pH (±0.02pH) 0.01pH (±0.02pH)

mV (Abs & Rel) range - ± 1999 mV Resolution (Accuracy) - ± 1099 mV (± 1 mV)

Temperature ranges - $-10 \text{ to } +105^{\circ}\text{C} / 14 \text{ to } 221^{\circ}\text{F}$ Resolution (Accuracy) - $0.1^{\circ}\text{C}/1^{\circ}\text{F} (\pm 0.5^{\circ}\text{C}/\pm 1^{\circ}\text{F})$

ATC range - 0 to 100°C

Common Specifications

Manual Temp. Comp. 0 to 100°C / 32 to 212°F

Resolution 0.1°C/1°F

Auto Buffer Recognition 4.00, 7.00, 9.22 & 10.05 (manual override)

Calibration User selectable 1 or 2 point

Power 2 AA cells

Size/Weight 175(I)x75(w)x35(d) mm / 250g

Premier models 3150 & 3205

pH (1 or 2 point cal)

Range -2 to 16.00pH
Resolution (Accuracy) 0.01pH (±0.02pH)
mV (Abs & Rel) range ±1999mV

mV (Abs & Rel) range ±1999mV Resolution (Accuracy) 1mV (±1mV)

Temperature ranges -10 to +105°C / 14 to 221°F Resolution (Accuracy) 0.1°C/1°F (±0.5°C/±1°F)

ATC range 0 to 100°C

Auto Buffer Recognition 4.00, 7.00 & 10.05 (manual override)

Calibration pH User selectable 1 or 2 point

Concentration Multipoint 1 to 5 points (3205)

Activity $1x10^{-9}$ to $9.99x10^{9}$ (int. or exp.) (3205)

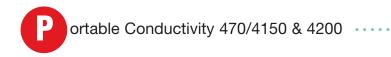
Concentration units activity, %, ppm, mg/l, moles & none (3205)

Dedicated ion Ammonium, Calcium, Chloride, Fluoride & Nitrate (3205)
Clock 24 hour, hrs/min/sec or day of month/month/year, leap year

corrected (3205)

Power 3 AA cells

Size/Weight 200(I)x80(w)x60(d) mm / 370g



Enterprise model 470

Conductivity ranges 6 switched ranges

0 to 19.99µS - 0 to 1999mS*

Resolution (Accuracy) $0.01\mu S$ to $1mS^*$ ($\pm 0.5\% \pm 2$ digits)

TDS ranges 6 switched ranges

0 to 19.99mg/l - 0 to 1999g/l*

Resolution (Accuracy) 0.01mg/l to $1g/l^*$ ($\pm 0.5\% \pm 2$ digits)

Temperature range -10 to +105°C / 14 to 221°F Resolution (Accuracy) 0.1°C/1°F (±0.5°C/±1°F) ATC & Manual ranges 0 to 100°C/32 to 212°F

Cell constant Digitally settable 0.015 to 19.99

Reference temperature 25°C

Temperature coefficient 0.00 to 4.00%/°C linear

Auto standard recognition $10\mu S$, $84\mu S$, $1413\mu S$ or 12.88m S (manual override)

Probe input Mini-DIN conductivity/temperature

Power 2 AA cells

Size/Weight 175(I)x75(w)x35(d) mm / 250g

* only with cell constant >5

Premier models 4150 & 4200

Conductivity ranges 5 switched ranges 0 to 19.99μ S - 0 to 199.9mS

Resolution (Accuracy) $0.01\mu S$ to 0.1mS ($\pm 0.5\% \pm 2$ digits) TDS ranges 5 switched ranges 0 to 199.9mg/l

Resolution (Accuracy)

0.01mg/l to 1g/l (±0.5% ±2 digits)

Resistivity range 0 to 20Mohms (**4200**)
Resolution (Accuracy) 0.01Mohms (±0.5% ±2 digits)

Salinity range 0 to 99.9g/l (**4200**)

Resolution (Accuracy) 0.1g/l (0 to 35 \pm 1 / 35 to 99 \pm 3 of reading)

Temperature range $-10 \text{ to } +105^{\circ}\text{C}$ / 14 to 221°F Resolution (Accuracy) $0.1^{\circ}\text{C}/1^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}/\pm 1^{\circ}\text{F}$) ATC & Manual ranges $0 \text{ to } 100^{\circ}\text{C}/32 \text{ to } 212^{\circ}\text{F}$

Cell constant Digitally settable 0.015 to 19.99

Reference temperature 18, 20, 25°C

Temperature coefficient 0.00 to 4.00%/°C linear

Auto standard recognition $10\mu S$, $84\mu S$, $1413\mu S$ or 12.88mS (manual override) Clock 24 hour, hrs/min/sec or day of month/month/year, leap

24 flour, firs/fillit/sec of day of filofilli/filofillit/year, is

year corrected (**4200**)
Power 3 AA cells

Size/Weight 200(I)x80(w)x60(d) mm / 370g



Enterprise model 970

Resolution

DO₂ ranges -5 to 199%

-5 to 25.0%

-5 to 19.99mg/l 1%/0.1%/0.01mg/l

Accuracy ±2% within 10°C of calibration temperature

Temperature range -10 to +105°C / 14 to 221°F Resolution (Accuracy) 0.1°C/1°F (±0.5°C/±1°F) ATC & Manual ranges 0 to 60°C/32 to 140°F

Power 2 AA cells

Size/Weight 175(I)x75(w)x35(d) mm / 250g



Premier models 9150 & 9200

DO₂ ranges 0 to 199%, 0 to 25%, 0 to 19.99mg/l

Resolution 1%/0.1%/0.01mg/l

Accuracy ±2% within 10°C of calibration temperature

Temperature range $-10 \text{ to } 60^{\circ}\text{C} / 14 \text{ to } 140^{\circ}\text{F}$ Resolution (Accuracy) $0.1^{\circ}\text{C}/1^{\circ}\text{F} \ (\pm 0.5^{\circ}\text{C}/\pm 1^{\circ}\text{F})$ ATC range $-10 \text{ to } +60^{\circ}\text{C}/14 \text{ to } 140^{\circ}\text{F}$

Clock 24 hour, hrs/min/sec or day of month/month/year, leap year

corrected (9200)

Power 3 AA cells

Size/Weight 200(I)x80(w)x60(d) mm / 370g

email: sales@jenway.com





ortable Electrochemicals - Accessories



Enterprise range

Models 350 & 370 pH

033 267 Carry case (model 350) 033 268 Carry case (model 370)

Model 470 Conductivity/TDS

033 269 Carry case

Model 430 Conductivity/pH

033 268 Carry case

Model 970 DO₂

033 270 Carry case



Premier range

Models 3150 & 3205 pH / Ion

033 162 Carry case

027 229 Reference electrode with

ATC

Models 4150 & 4200 Conductivity

033 174 Carry case

Models 9150 & 9200 DO₂

033 175 Carry case 541 620 B.O.D. probe



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.