

## Kemio Technology

 **SMARTER**     **SAFER**     **TRACEABLE**

### The next generation measurement platform

A sophisticated electrochemical technique, which removes complexity for the user. Using our patented single-use sensor technology, reduce user errors and deliver quality results that you can trust.



Get consistent results from all your operators. Kemio minimises user input, to ensure **repeatable and reliable results** each time.

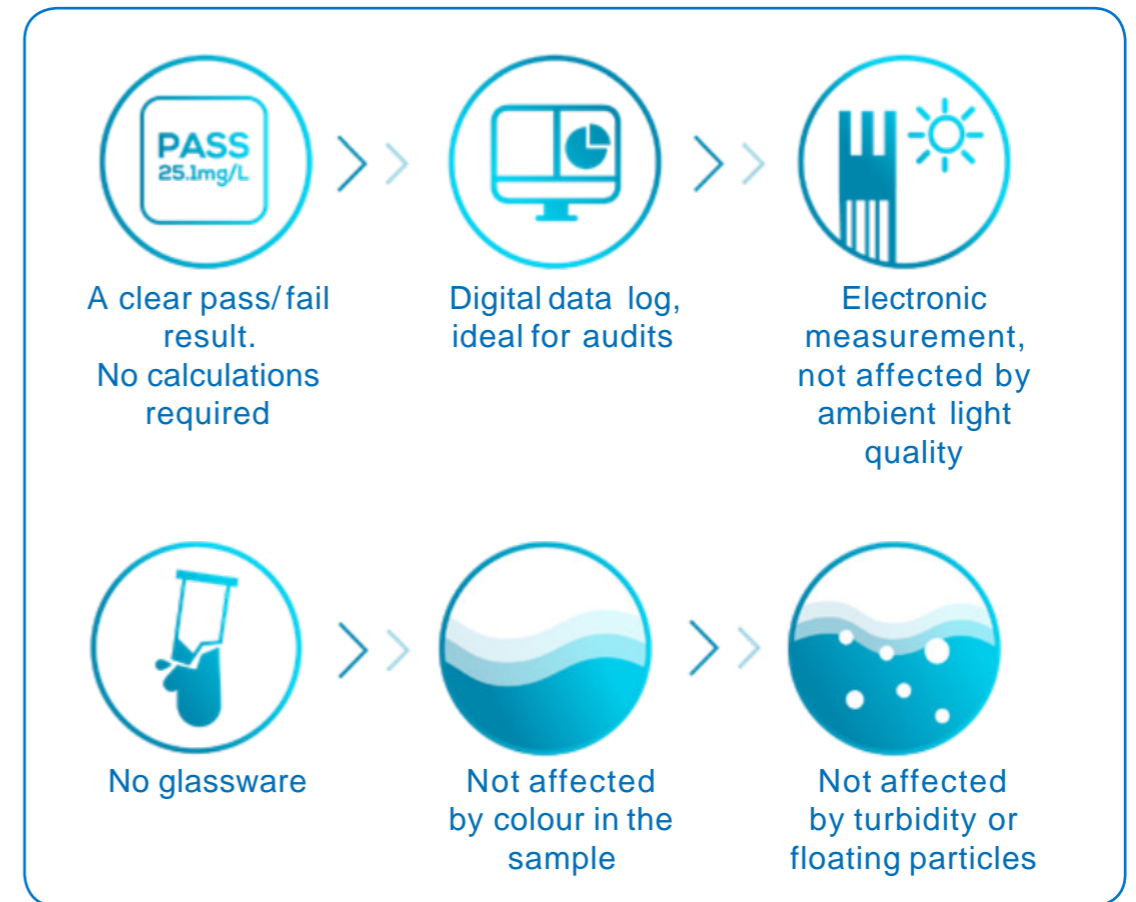
Kemio is **suitable for all users**, ready straight out of the box, with **no training required**. Helping to **improve operational efficiency**, by reducing labour time and minimizing disruption.

Go paperless, **protect your data** and meet your **compliance requirements**. The integrated data log summarises 10,000 results to provide a traceable, auditable dataset.

Kemio is **personalised to your testing needs**, add your unique test and application information to give meaning to your results.

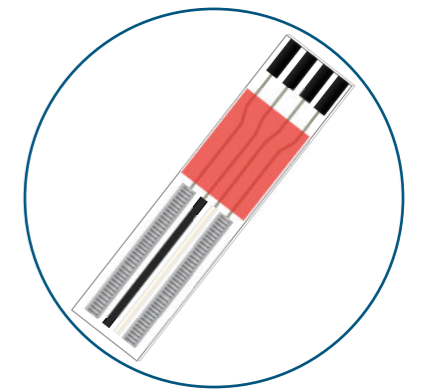
**Kemio delivers the results you need from a method you can trust.**

### Advantages over other methods



### How it works

Kemio is powered by patented, single-use sensors which generate an electrical current by reacting to the chemicals in the water sample. Kemio measures this electrical signal to determine the concentration of chemical within the sample.



The simple test method minimizes potential user errors to ensure repeatable and reliable results.

Distributed By:

**Camlab Limited**

Camlab House, Norman Way Industrial Estate, Over, Cambridge CB24 5WE, UK

E: [sales@camlab.co.uk](mailto:sales@camlab.co.uk)

T: +44 1954 233110

# Kemio Disinfection

## Expert testing for critical disinfection parameters

### No training required

Suitable for all users, with clear visual instructions for performing a test

### Reduce uncertainty

Act on clear pass/fail results based on your specification

### Suitable for all sample types

Not affected by coloured or turbid samples

### Fully traceable results

Go paperless and manage up to 10,000 data sets

### Personalised to your testing needs

Add your own test limits and information to drive corrective action and give meaning to your results



Single use disposable sensor



USB data transfer

Testing for	Range	Temperature
Chlorine	Standard range 0.02 - 10 mg/L free chlorine 0.02 - 75 mg/L total chlorine	2°C - 35°C 2°C - 35°C
	High range 0.1- 25 mg/L free chlorine 1- 500 mg/L total chlorine	5°C - 25°C 5°C - 30°C
Chlorine Dioxide	0.02 - 50 mg/L	5°C - 40°C
Chlorite	0.02 - 50 mg/L	5°C - 40°C
Peracetic Acid (PAA)	5 - 2000 mg/L	5°C - 30°C

## Technical Specification

Measuring System	Chronoamperometry
Ambient Temperature Range	0° C - 50° C
Display	High clarity LCD screen
Language	English, French, Spanish, and Chinese (Simplified)
Connectivity	USB
Information Input	Barcode scanner, on-screen keyboard, on-screen keypad
Data Storage	10,000 test results with all test information
Size (W x L x H) & Weight	156 mm x 180 mm x 95 mm, 1012g
Battery	2300mAh NiMH Rechargeable Battery Pack Only battery packs supplied by Palintest can be used with Kemio
Power Supply	USB power and external charger
Rating	IP67 waterproof

# Kitting Options

## Instrument

**Kemio**  
Disinfection



Test Type:  
Chlorine  
Chlorine Dioxide  
Chlorite  
Peracetic Acid (PAA)

## Case



### Benchtop Kit

Instrument, check standards, USB cable, international power adapter, quickstart instructions in a recycleable cardboard container for benchtop applications.

Part Code: KEMR10DIS



### Soft Case Kit

Instrument, protective case, check standards, USB cable, international power adapter, quickstart instructions in soft case for transporting Kemio and consumables.

Part Code: KEMS10DIS

\*Sensors ordered separately for benchtop and soft case kit



### Chlorite Hard Case Kit

Instrument, check standards, USB cable, international power adapter, quickstart instructions, 200 chlorine dioxide/chlorite sensors, 100 chlorine sensors, reagents, degassing equipment and consumables required for chlorite measurement, including vessel, filter and pump.

Part Code: KEMH10DIS

\*Required for Chlorite testing

Kemio sensor packs	Range	Part Code
Kemio Sensors for Chlorine (Standard Range)	Free Chlorine: 0.02 - 10 mg/L	100 pack: KEM21CLO
	Total Chlorine: 0.02 - 75 mg/L	500 pack: KEM25CLO
Kemio Sensors for Chlorine (High Range)	Free Chlorine: 0.1- 25 mg/L	100 pack: KEM21CHR
	Total Chlorine: 1- 500 mg/L	500 pack: KEM25CHR
Kemio Sensors for Chlorine Dioxide and Chlorite	Chlorine Dioxide: 0.02 - 50 mg/L	100 pack: KEM21CDX
	Chlorite: 0.02 - 50 mg/L chlorite	500 pack: KEM25CDX
Kemio Sensors for Peracetic Acid (PAA)	Peracetic Acid (PAA): 5 - 2000 mg/L	100 pack: KEM21PAA
		500 pack: KEM25PAA

Accessories	Part Code	Consumables	Part Code
Kemio Check Standards	KEMC10	CR-1 Reagent (Chlorite test)	PT546
Kemio Stylus Pen	KEM306	CR-2 Reagent (Chlorite test)	PT547
Kemio Protective Case	KEM307	Glycine Reagent (Chlorine Dioxide and Chlorite test)	PT549
Kemio Sample Vessel	KEM308		