

Hanna Solutions- Industries We Serve



Hanna Solutions- Parameters We Test

Periodic Table of Hanna												
Choose your parameter below to begin...												
pH												CO ₂ Carbon Dioxide
EC/TDS	Al Aluminum	Ag Silver	B Boron	Br Bromine	Br ⁻ Bromide	ClO ₂ Chlorine Dioxide	CH ₂ O Formaldehyde	C ₃ H ₈ O ₂ Glycol	C ₄ H ₆ O ₆ Tartaric Acid			
Dissolved Oxygen	Cd Cadmium	Ca Calcium	Cl Chlorine	Cr Chromium	Cl ⁻ Chloride	CN ⁻ Cyanide	OCl ⁻ Hypochlorite	H ₂ O ₂ Hydrogen Peroxide	HNCO Cyanuric Acid			
Turbidity	Cu Copper	Fe Iron	I Iodine	K Potassium	F ⁻ Fluoride	NH ₃ Ammonia	NH ₄ ⁺ Ammonium	NO ₂ ⁻ Nitrite	NO ₃ ⁻ Nitrate			
Titration	Mg Magnesium	Mn Manganese	Mo Molybdenum	N Nitrogen	I ⁻ Iodide	N ₂ H ₄ Hydrazine	NaCl Sodium Chloride (Salinity)	O ₃ Ozone	PO ₄ ³⁻ Phosphate			
	Na Sodium	Ni Nickel	P Phosphorus	Pb Lead	Zn Zinc	S ²⁻ Sulfide	SiO ₂ Silica	SO ₂ Sulfur Dioxide	SO ₄ ²⁻ Sulfate	SO ₃ ²⁻ Sulfite		
Legend												
Common Parameters												
Elements												
Ionized Elements												
Compounds												
Chemical Parameters												
Physical Parameters												
	Acidity	Anionic Surfactants	Alkalinity	COD	Hardness	Peroxide Value	Reducing Sugars					
	Color	Lux	ORP	Refractometry	Relative Humidity	Resistivity	Temperature					

<https://www.lishui.com.tw>

Hanna Solutions- Product We Manufacture



TITRATORS



BENCHTOPS



PROCESS



PORTABLES



TESTERS



PHOTOMETERS

Potentiometric Titrator 自動電位滴定儀



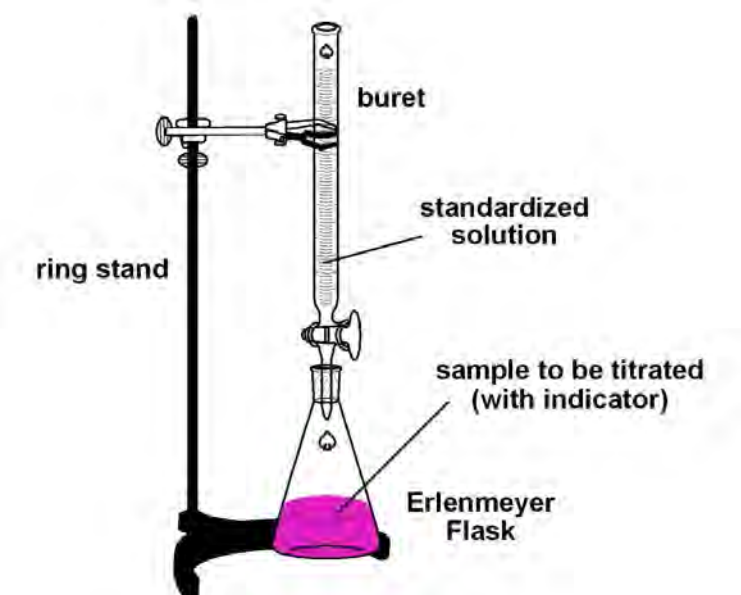
HI930
Automatic Titrator



HI931
Automatic Titrator



HI932
Automatic Titrator



新品2: HI930 簡易型自動電位滴定儀



- ✓ 可簡易拆換Burette (標配10mL)
 - ✓ 可執行PH/ORP滴定
 - ✓ 儲存至多15個檢測方法、50筆檢測數據
 - ✓ 磁石攪拌系統內嵌設計，更省空間
 - ✓ 可透過隨身碟與軟體將數據轉換成LIMS合用的格式
 - ✓ 價格實惠，高CP!
- (X)列表機、天平、鍵盤...



HI931 通用型自動電位滴定儀



- ✓ 可簡易拆換Burette (標配25mL)
- ✓ 儲存至多100個檢測方法、100筆檢測數據
- ✓ 頂置式攪拌器，黏滯樣品黏滯也不怕
- ✓ 可透過隨身碟與軟體將數據轉換成LIMS合用的格式
- ✓ 功能全面，操作直觀
- ✓ 可接: 列表機、天平、鍵盤



HI932 高階自動電位滴定儀



- ✓ 可簡易拆換Burette (標配25mL)
- ✓ 可接兩組Burette ; 四支電極
- ✓ 可接HI922自動進樣轉盤
- ✓ 可執行反滴定
- ✓ 儲存至多100個檢測方法、100筆檢測數據
- ✓ 頂置式攪拌器，黏滯樣品黏滯也不怕
- ✓ 可透過隨身碟與軟體將數據轉換成LIMS合用的格式
- ✓ 功能全面，操作直觀
- ✓ 可接: 列表機、天平、鍵盤



Karl Fischer Titrator 水分滴定儀

**HI933**

Karl Fischer Titrator

100ppm-100%

容積法

**HI934**

Karl Fischer Titrator

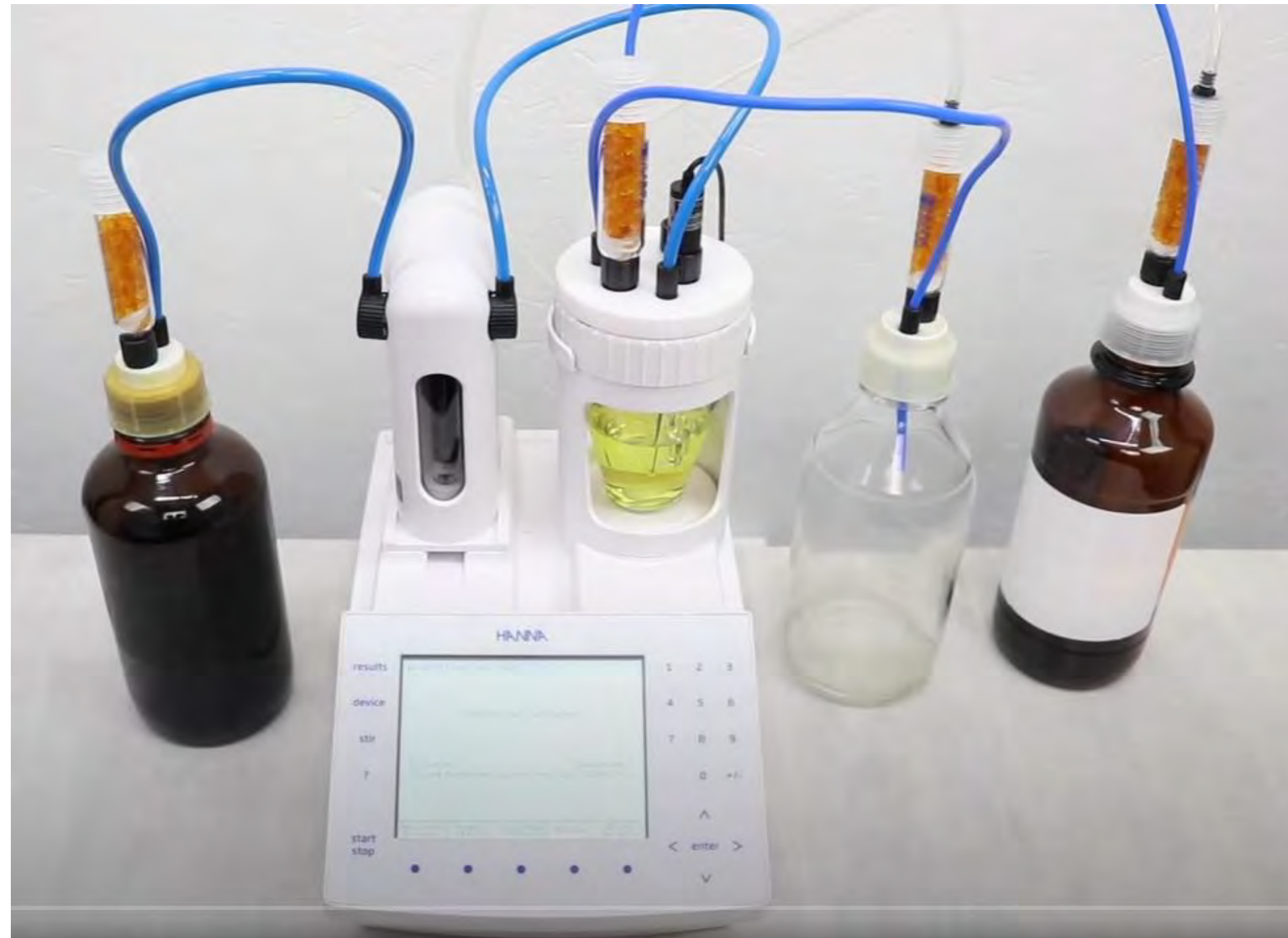
1ppm-5%

庫倫法

- 水分滴定- 滴定槽從無水開始，滴到無水為止
- 兩種KF滴定-
 - (1)容積法
 - (2)庫倫法
- 耗材: 無水甲醇、滴定劑、分子篩乾燥劑、水標品、注射針

Volumetric Karl Fischer Titrator 體積法水分滴定儀

- 試劑: 無水甲醇、滴定劑、水標樣
- 反應式: $I_2 + SO_2 \cdot [CH_3OH] + H_2O \longrightarrow 2 HI + SO_3 \cdot [CH_3OH]$

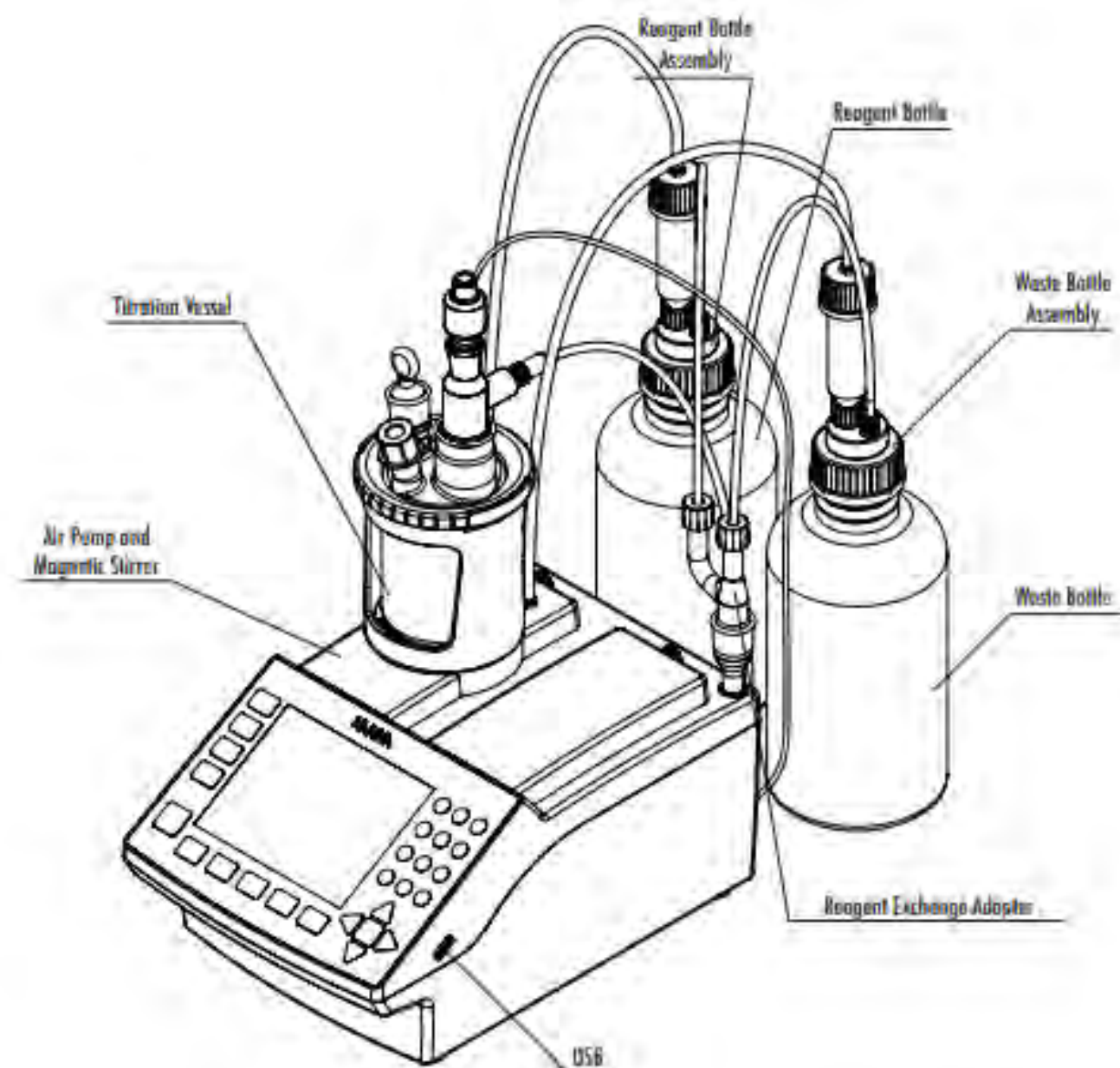


100ppm-100%



Coulometric Karl Fischer Titrator 庫倫法水分滴定儀

- 試劑: 滴定劑(陽極電解液、and/or 陰極電解液)、水標樣
- 反應式: $2I^- \rightarrow I_2 + 2e^-$
- 利用電解反應將碘離子氧化成碘，由白金電極偵測終點



1ppm-5%



Hanna Solutions- Benchtop Meters

pH ORP EC DO ISE



HI6000

PH/ORP/ISE

EC/TDS/Resistivity/Salinity

DO



HI6221/HI6321/HI6421

PH.ORP/EC/DO



HI2020/HI2030/HI2040

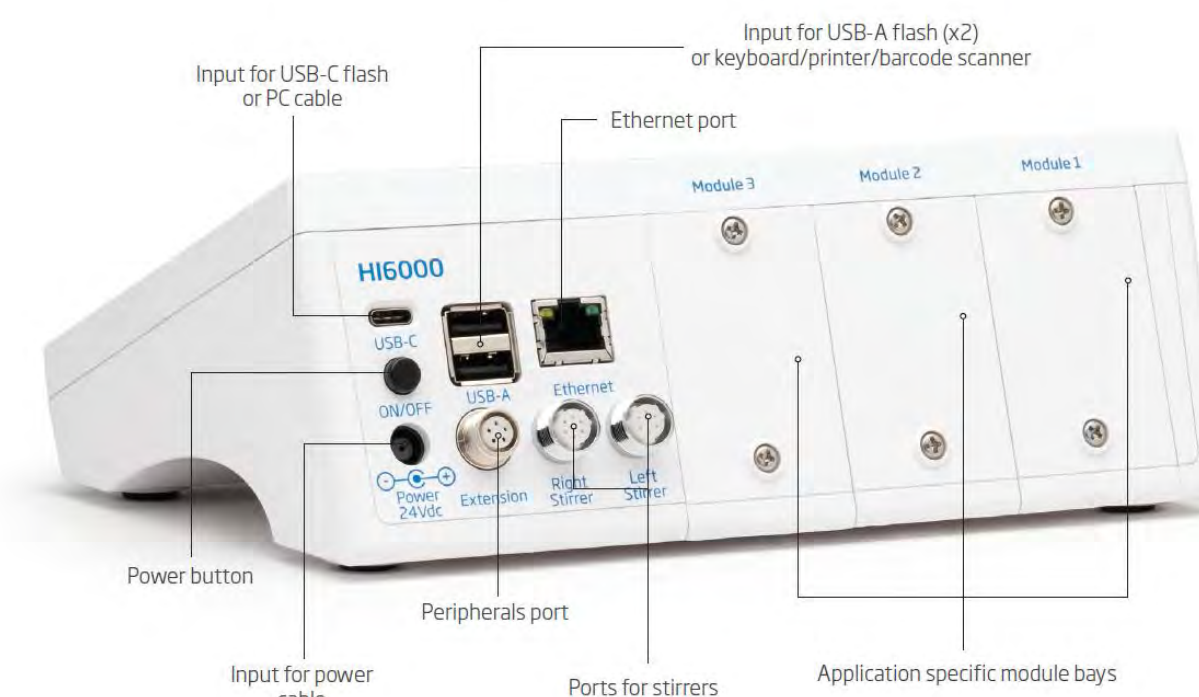
PH.ORP/EC/DO



HI2002/HI2003/HI2004

PH.ORP/EC/DO

新品- HI6000 模組化桌上型檢測儀



新品- HI6000 模組化桌上型檢測儀



HI764060

HI6000-1

pH/ORP module

HI6000-2

pH/ORP/ISE module

HI6000-3

EC module

HI6000-4

DO module



HI764060



HI6000180



HI6000 rear panel shown

Auto Detect

The stirrer is automatically detected when connected to one of the sockets on the HI6000's rear panel.



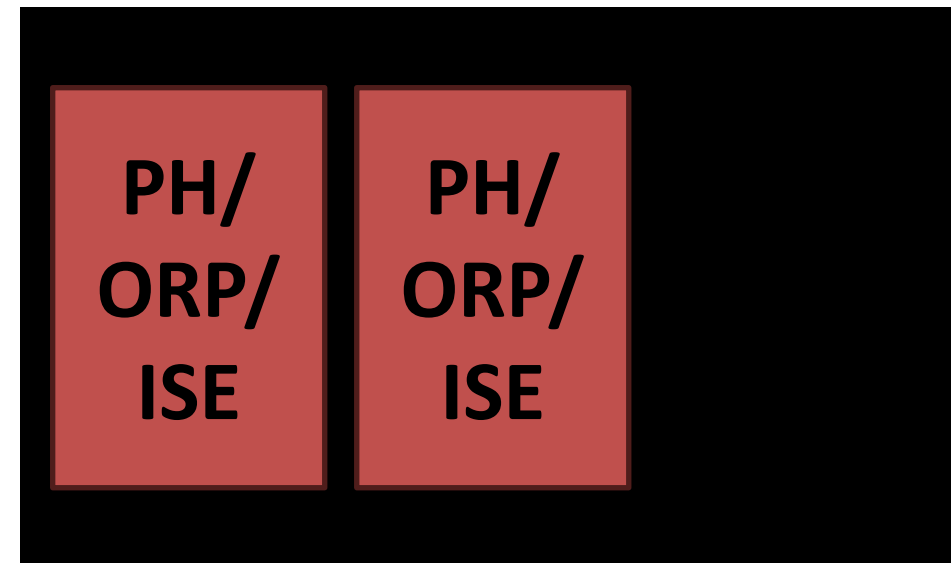
HI6000 display shown

Sliders

Adjust stirring speed manually using the HI6000's on-screen sliders.



新品- HI6000 模組化桌上型檢測儀

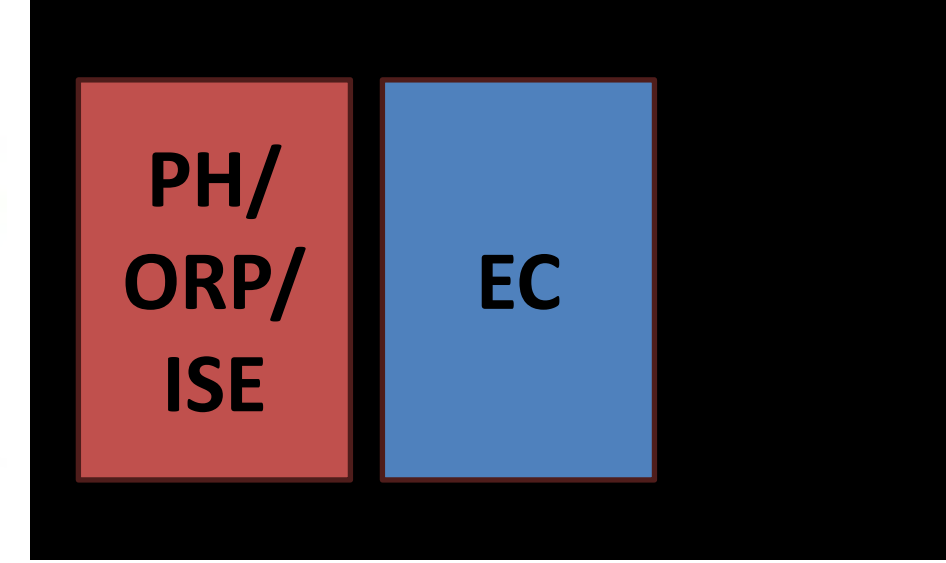


HI6222

pH/ORP/ISE kit

HI6222-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ISE module (2 x) + HI1131B pH electrode + HI7662-TW temperature probe
- Calibration solution starter kit for pH

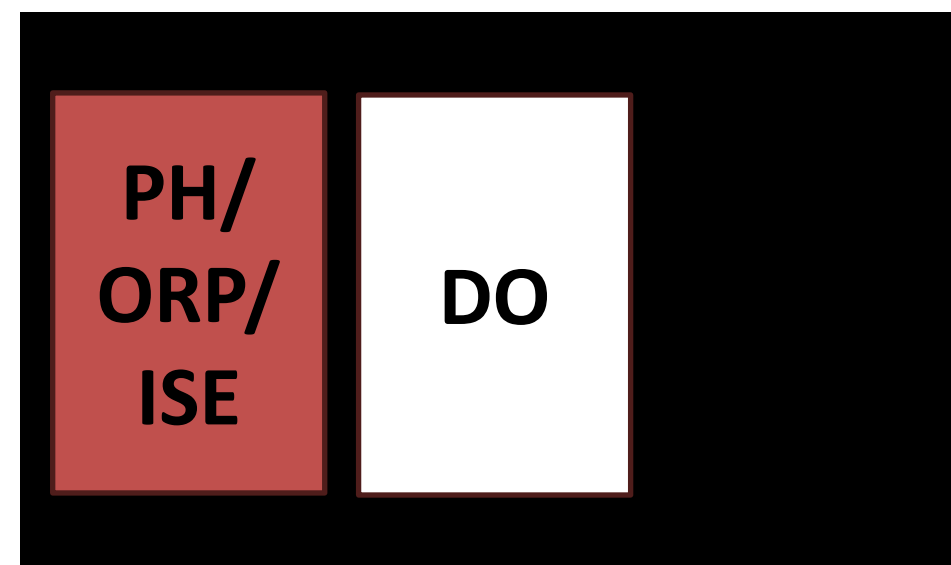


HI6522

pH/ORP/ISE + EC kit

HI6522-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ISE module + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-3 EC module + HI7631233 EC and resistivity probe
- Calibration solution starter kit for pH and EC

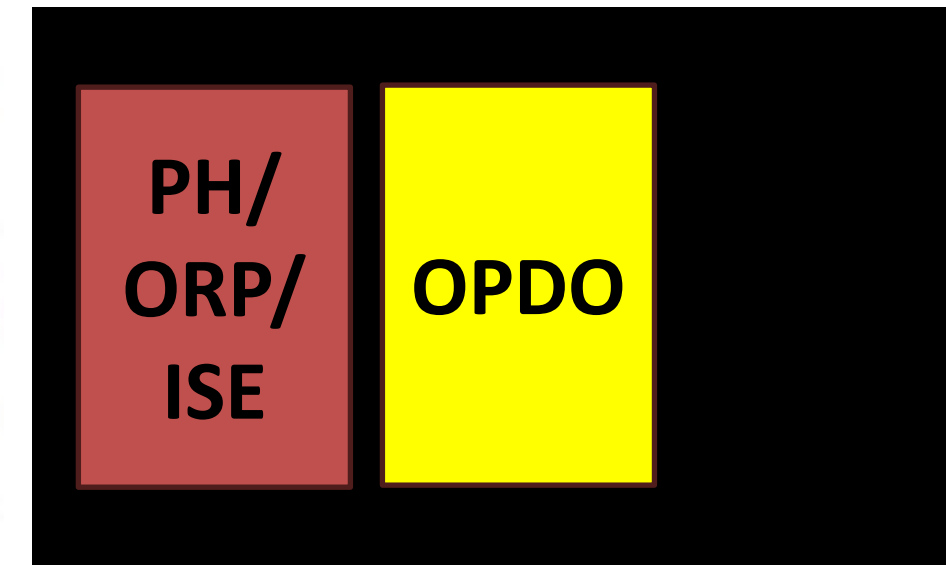


HI6542P

pH/ORP/ISE + polarographic DO kit

HI6542P-02 is supplied with:

- HI6000 housing unit
- 1 x HI6000-2 pH/ISE module + HI1131B pH electrode + HI7662-TW temperature probe
- 1 x HI6000-4 DO module + HI764833 polarographic DO probe
- Calibration solution starter kit for pH and DO

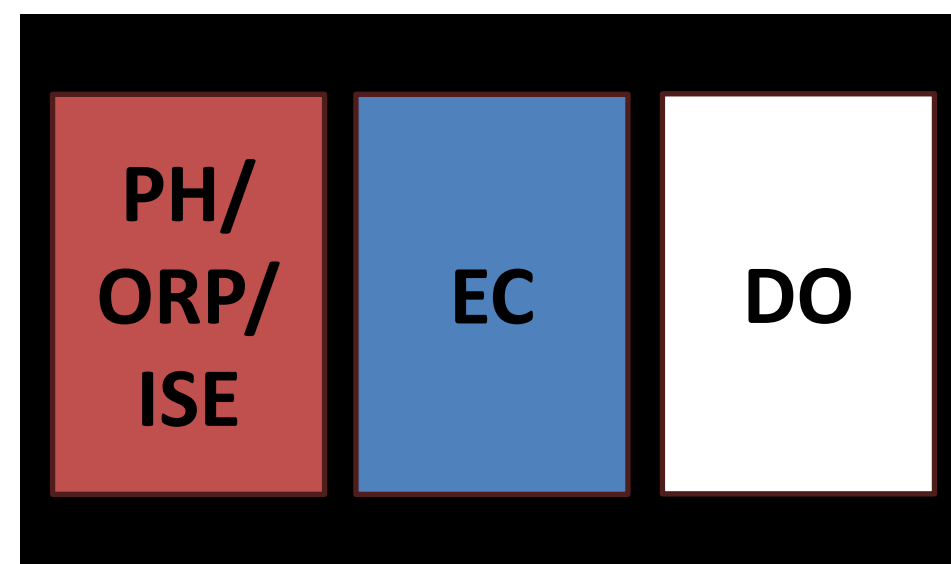


HI6542

pH/ORP/ISE + optical (opdo®) DO kit

HI6542-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ISE module + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-4 DO module + HI7641133 optical DO probe (opdo®) + HI764113-1 Smart Cap™
- Calibration solution starter kit for pH and DO

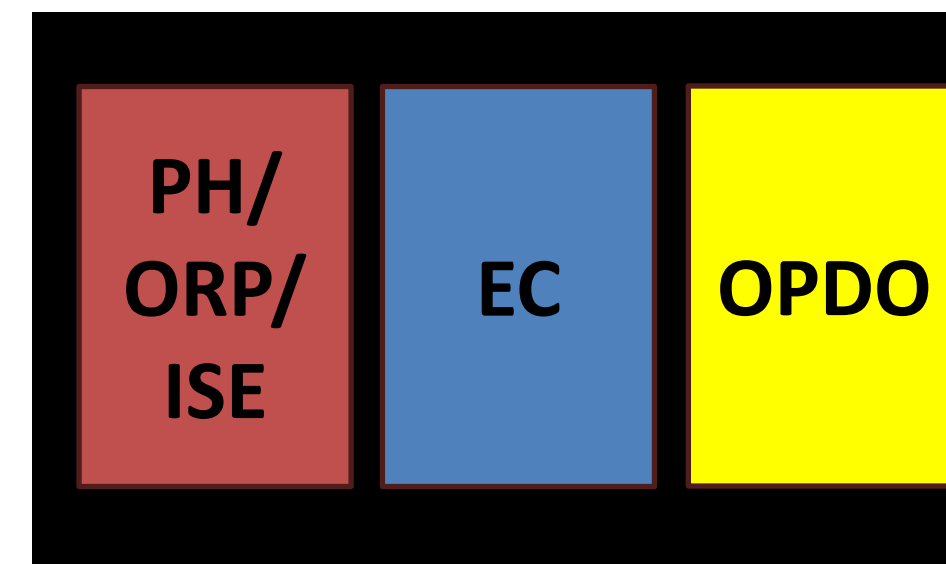


HI6553P

pH/ORP/ISE + EC + polarographic DO kit

HI6553P-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ORP/ISE module (installed) + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-3 EC module + HI7631233 EC & resistivity probe
- HI6000-4 DO module + HI764833 polarographic DO probe
- Calibration solution starter kit for pH and DO, EC and DO



HI6553

pH/ORP/ISE + EC+optical (opdo®) DO kit

HI6553-02 is supplied with:

- HI6000 housing unit
- HI6000-2 pH/ORP/ISE module (installed) + HI1131B pH electrode + HI7662-TW temperature probe
- HI6000-3 EC module + HI7631233 EC & resistivity probe
- HI6000-4 DO module + HI7641133 optical DO probe (opdo®)
- Calibration solution starter kit for pH and DO, EC and DO

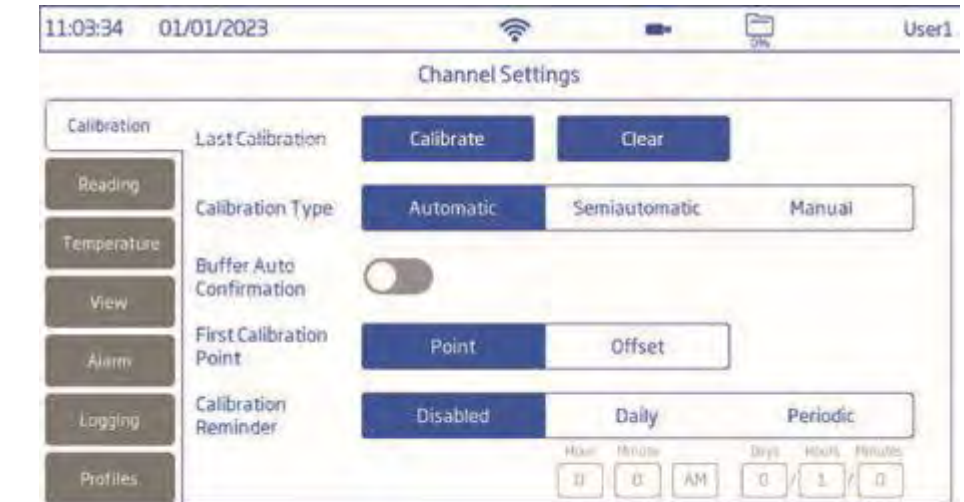


Hanna Solutions- Benchtop Meters 6X21

HI6221 pH/ORP

HI6321 EC/TDS/電阻率/鹽度

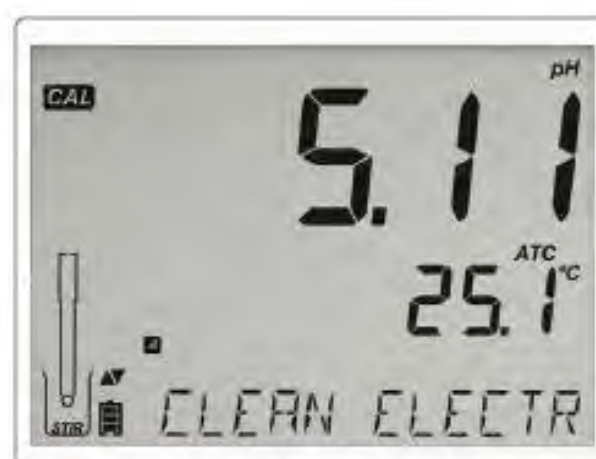
HI6421 DO



新品1: HI26XX 簡易桌上型檢測儀



Clear, Full Text Readout



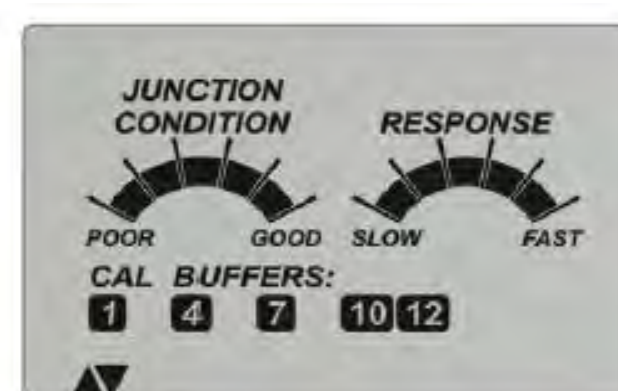
CAL Check™



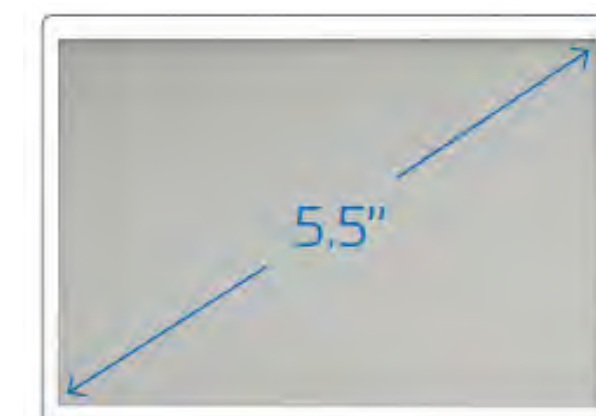
Capacitive Touch Keypad



Data Logging



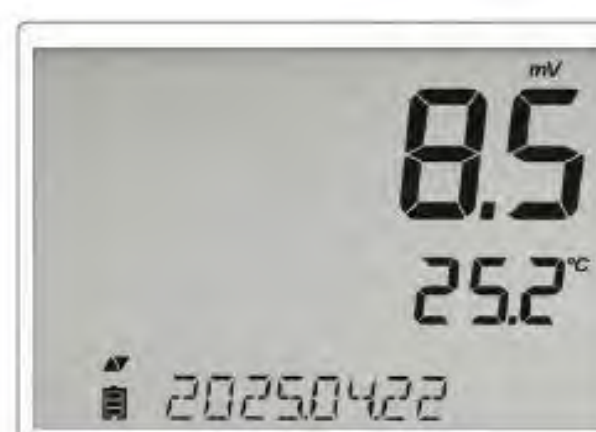
Sensor Check™ (using HI11311 and HI12301 pH probes only)



Easy to Read LCD



GLP



ORP Measurement



Small Footprint



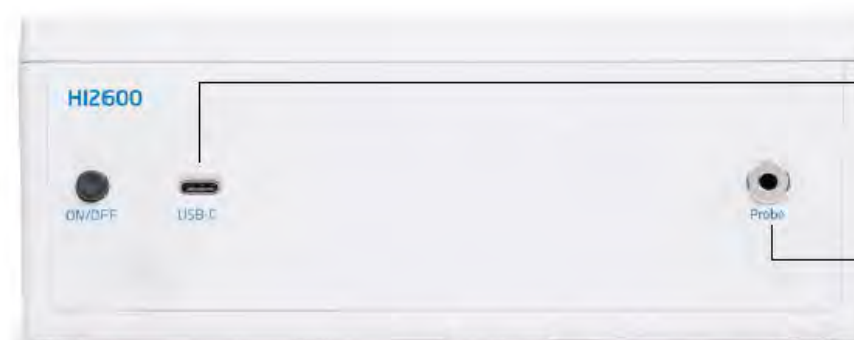
HI2600 簡易多參數桌上型檢測儀



HI2600 pH • EC • DO – Innovation simplified

The HI2600 architecture is built on the culmination of Hanna's vision, design capabilities, integrated production, and world class R&D. For those that prefer simple operation there is a basic mode with simplified menu and options as well as a full featured standard operating mode for those who require advanced features. HI2600 is available as a pH, conductivity, or dissolved oxygen kit and any HI2600 kit can be upgraded with additional probes to measure pH, conductivity, and dissolved oxygen.

- ✓ USB-C 充電+數據傳輸
- ✓ 接什麼電極 就檢測什麼 [PH/EC/DO互換OK!]
- ✓ 數位電極: 校正紀錄跟著電極 插拔無須重新校正
- ✓ pH五點校正
- ✓ 200筆數據紀錄



USB port for charging and data transfer

The HI2600 features a streamlined USB-C port that facilitates charging the integrated rechargeable battery, transferring data to your computer, and exporting files directly to a flash drive.

Digital probe input

Simply connect each probe via the 3.5 mm jack, Digital Smart Electrodes are automatically recognized.

- HI11310: Digital pH Electrode with integrated temperature sensor
- HI763100: Digital 4 ring conductivity probe with integrated temperature sensor
- HI764080: Digital polarographic dissolved oxygen probe with integrated temperature sensor and atmospheric pressure sensor
- HI36180: Digital ORP probe with integrated temperature sensor

HI26[2/3/4]1 簡易單參數桌上型檢測儀

- ✓ USB-C 充電+數據傳輸
- ✓ 單機單用 簡易操作
- ✓ 數位電極: 校正紀錄跟著電極 插拔無須重新校正
- ✓ pH五點校正
- ✓ 200筆數據紀錄



HI2621
pH + Logging Version

HI2621-01 (USA plug) and HI2621-02 (European plug)
Includes: HI11310 glass body, refillable pH electrode and accessories
HI2621-03 includes the above without electrode.



HI2631
Conductivity + Logging Version

HI2631-01 (USA plug) and HI2631-02 (European plug)
Includes: HI763100 Conductivity probe and accessories
HI2631-03 includes the above without electrode.



HI2641
Dissolved Oxygen + Logging Version

HI2641-01 (USA plug) and HI2641-02 (European plug)
Includes: HI764080 dissolved oxygen electrode and accessories
HI2641-03 includes the above without electrode.

HI26[2/3/4]0 極簡單參數桌上型檢測儀

- ✓ USB-C 充電
- ✓ 單機單用 數據直讀(沒有數據紀錄功能) 簡易操作
- ✓ 數位電極: 校正紀錄跟著電極 插拔無須重新校正
- ✓ pH三點校正，小數點後兩位
- ✓ 價格實惠，超高CP!



HI2620
pH Version

HI2620-01 (USA plug) and HI2620-02 (European plug)
Includes: HI11310 glass body, refillable pH electrode and accessories
HI2620-03 includes the above without electrode.



HI2630
Conductivity Version

HI2630-01 (USA plug) and HI2630-02 (European plug)
Includes: HI763100 Conductivity probe and accessories
HI2630-03 includes the above without electrode.



HI2640
Dissolved Oxygen Version

HI2640-01 (USA plug) and HI2640-02 (European plug)
Includes: HI764080 dissolved oxygen electrode and accessories
HI2640-03 includes the above without electrode.

HI26XX系列 功能比較表

	0.001 pH Resolution	Five-point pH Calibration	Custom pH Buffers	GLP Features	Real Time Graphing	Data Logging	Incremental Methods	User Accounts	Touchscreen Interface	Capacitive Touch Buttons	Wireless Connectivity	USB	PC Connectivity	Fully Customizable	Automatic Calibration	pH Measurement	EC/TDS Measurement	DO Measurement	CAL Check™	Built-in Printer	Advanced Customization	Page
HI6221	•	•	5	•	•	•		•	•	•	•	A, C	•	•	•	•			•		•	2.6
HI2600	•	•	5	•		•				•		C	•		•	•	•	•	•			2.16
HI2621	•	•	5	•		•				•		C	•		•	•			•			2.20
HI2620			3	•						•		C			•	•			•			2.20

	EC Range	pH Range	ISE Range	DO Range	Resistivity Range	ORP Range	TDS Range	Salinity Range	Temperature Range(s)	EC Calibration Points	EC Calibration Solutions	ATC (Automatic Temperature Compensation)	Logging	GLP	Capacitive Touch Buttons	User Accounts	Touchscreen Interface	Wireless Connectivity	USB	PC Connectivity	Fully Customizable	Advanced Customization	Auto End Feature	Auto Ranging	Benchmark, Portable & Wall-Mount	Page
HI6321	•				•		•	•	•	multi	6	•	•	•	•	•	•	•	A, C	•	•	•	•	•		5.6
HI2631	•						•	•	•	1	6	•	•		•				C	•				•		5.16
HI2630	•						•		•	1	6	•			•				C							5.16
edge®	•	•*		•*			•	•	°C/°F	1	6	•	•	•	•				A, micro	•				•	•	5.20
edge EC	•						•	•	°C/°F	1	6	•	•	•	•				A, micro	•				•	•	5.24

Comparison Guide

Bench Meters

	Dissolved Oxygen Range	Optical DO Meter	Barometric Pressure	% Saturation O ₂	Salinity Compensation	Altitude Compensation	Temperature Range(s)	DO Calibration Points	Barometric Pressure Calibration Points	ATC	Hold Feature	BEPS	PC Connectivity	Logging	Alarm	GLP	Capacitive Touch Buttons	Capacitive Touch Screen	Benchmark, Portable & Wall-Mount	Page
HI6421	•	•	•	•	•		•	2		•	•		•	•	•	•	•	•		6.4
HI6421P	•		•	•	•		•	2		•	•		•	•	•	•	•	•		6.4
HI2641	•			•	•		•	2					•	•			•	•		6.14
HI2640	•			•	•		•	2									•	•		6.14
edge	•				•	•	•	2		•			•	•			•	•	•	6.18
edge®DO	•				•	•	•	2		•			•	•			•	•	•	6.22

Hanna Solutions- Portable Meters

pH ORP ISE



HI98190 (DIN)
PH/ORP



HI98191 (BNC)
PH/ORP/ISE



Ion Selective Electrode (ISE) 離子選擇電極

需要配備: 儀器、PH電極、ISE電極、填充液、強化液、標準液

各式 ISE離子選擇電極



HI6222 (BNC)
雙通道
PH/ORP/ISE



HI98191 (BNC)
PH/ORP/ISE



氨/氨氮/銨、二氧化碳/碳酸根、硝酸根、
硫酸根/鉛、銀/硫化物、鎘、鈣、銅、鉀、鈉、
氰化物、氟化物、溴化物、碘化物

Ion Selective Electrode (ISE) 離子選擇電極

需要配備: 儀器、PH電極、ISE電極、填充液、**強化液**、標準液

總離子強度調節緩衝溶液 (TISAB , Total Ionic Strength Adjustment Buffer)



- 保持溶液具有較高的離子強度的緩衝溶液
- 主要應用在電位分析法上，尤其是與離子選擇性電極有關的電位分析
- 調整PH值使分析物都處於能被檢出之狀態
- 可用以屏蔽干擾物質 (例如將干擾的金屬螯合)
- 成分:
 - 高濃度惰性電解質- ex. 硝酸鉀、氯化鈉、高氯酸鉀等
 - 酸鹼緩衝對- ex. 醋酸-醋酸鈉緩衝對
 - 掩蔽劑- ex. 螯合劑，如EDTA，檸檬酸鉀等

Ion Selective Electrode (ISE) 離子選擇電極

需要配備: 儀器、PH電極、ISE電極、填充液、強化液、**標準液**



離子標準液 (Calibration Standard Solution)

- 用以校正儀器的標準濃度值標準液
- 使用前須加入TISAB去除干擾
- 使用前須先調整酸鹼至最適酸鹼度 (可使用TISAB或者強酸/鹼)

Hanna Solutions- Portable Meters

EC/TDS/Resistivity/Salinity



HI98192 通用



HI98197 超純水

超純水電導度



HI98197 超純水

Specifications		HI98308 (PWT)	HI98309 (UPW)
EC	Range	0.0 to 99.9 $\mu\text{S}/\text{cm}$	0.000 to 1999 $\mu\text{S}/\text{cm}$
	Resolution	0.1 $\mu\text{S}/\text{cm}$	0.001 $\mu\text{S}/\text{cm}$
	Accuracy	$\pm 2\%$ F.S.	$\pm 2\%$ F.S.
Additional Specifications	Calibration	manual, one point	factory calibrated
	Temperature Compensation	automatic from 0 to 50°C (32 to 122°F) with $\beta = 2\%/^{\circ}\text{C}$ typical	—
	Battery Type/ Life	1.5V (4)/ approximately 250 hours of continuous use	1.5V (4)/ approximately 120 hours of continuous use
	Environment	0 to 50°C (32 to 122°F); RH max 95% non condensing	
	Dimensions	175 x 41 x 23 mm (6.9 x 1.6 x 0.9")	
	Weight	95 g (3.4 oz.)	
Ordering Information		HI98308 (PWT) and HI98309 (UPW) are supplied with protective cap, calibration screwdriver (HI98308 only), batteries, and instructions.	

HI98308 Pure Water Test (PWT)

HI98309 Ultra Pure Water (UPW)



HI6321

Hanna Solutions- Portable Meters

DO/BOD



HI98193 薄膜



HI98198 光學



HI7041S
Dissolved Oxygen
Electrolyte
Solution (30 mL)



**Spare Dissolved
Oxygen Screw Cap
Membranes -
HI76407A/P**



**HI7040L Zero
Oxygen Solution
Set (500 mL)**



**HI764113-1
OPDO SmartCap**

Hanna Solutions- Multiparameters

pH ORP EC/鹽度/TDS DO

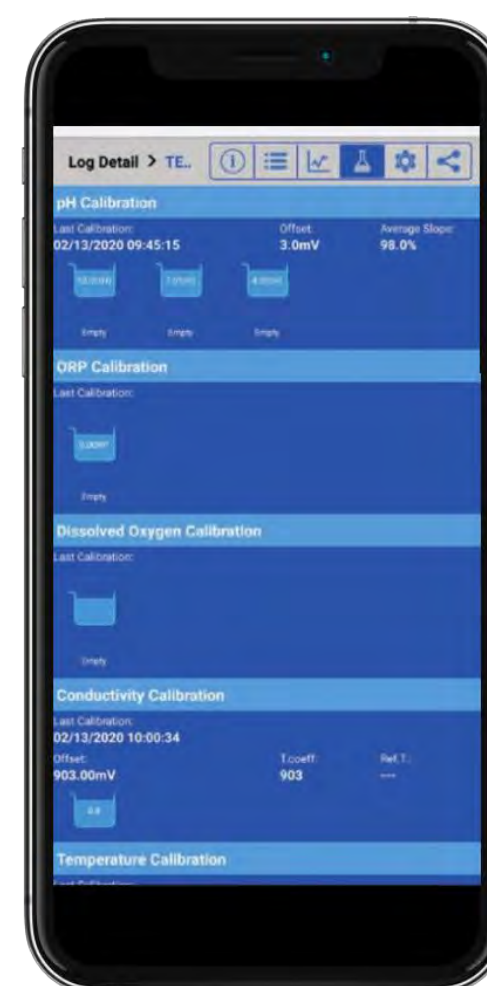


HI98194



Hanna Solutions- Multiparameters

pH ORP EC/鹽度/TDS OPDO 



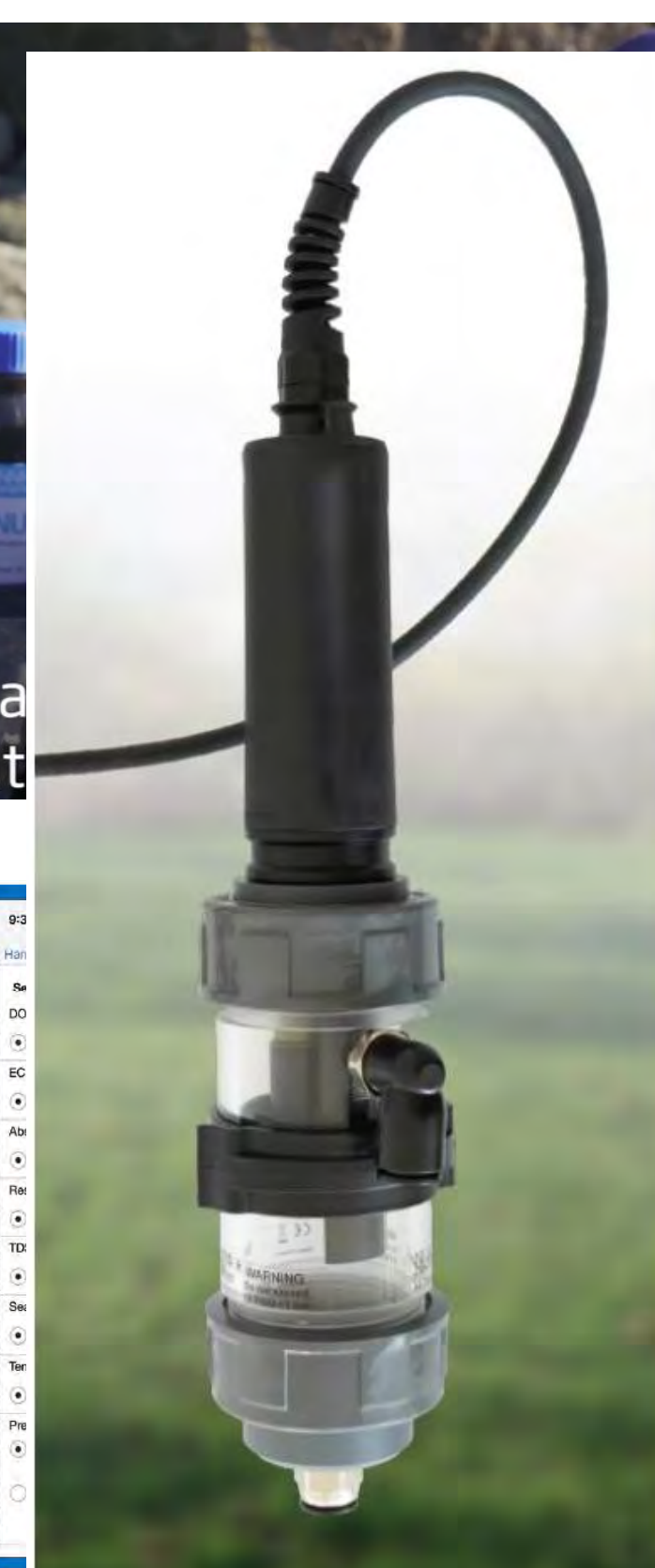
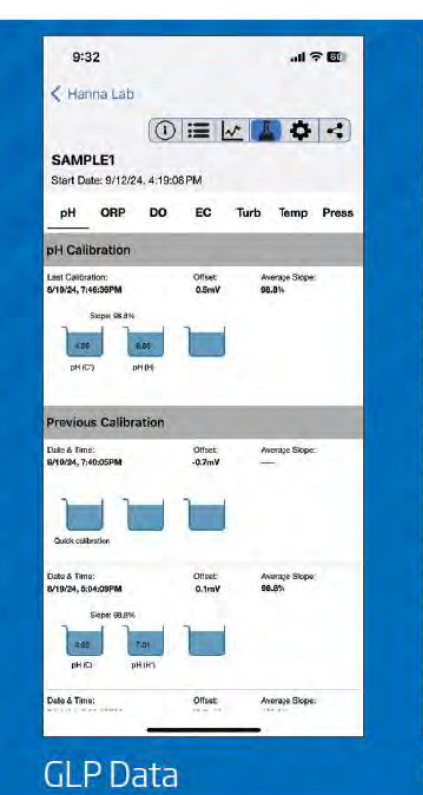
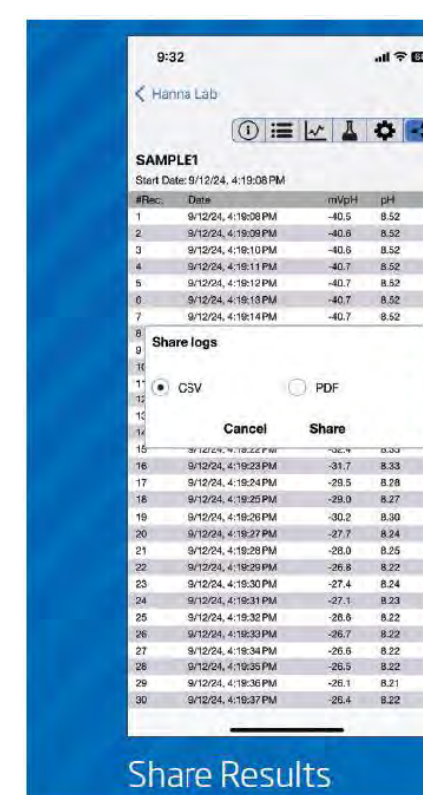
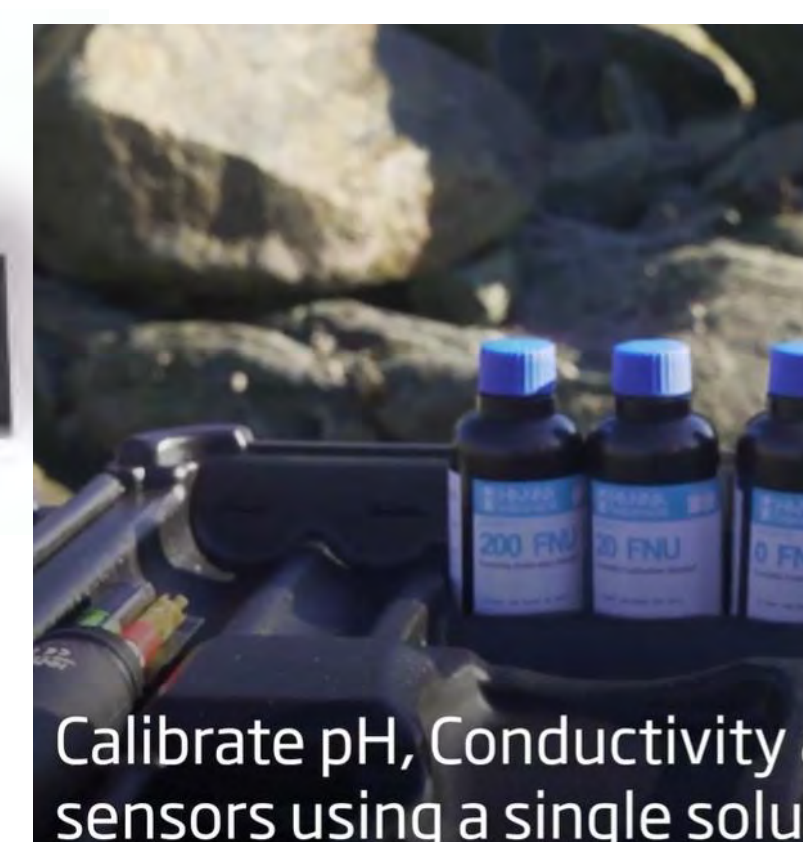
HI98494



新品- HI98594 藍芽多參數手持式檢測儀



**pH ORP EC 鹽度
TDS OPDO 濁度**



Hanna Solutions- Multiparameters

HI9829

pH ORP EC/鹽度/TDS DO 濁度 ISE 溫度 大氣壓



隨附探棒可支援三種電極接頭，並以顏色區分

- ▶ 紅色: 酸鹼/氧化還原電位/離子選擇電極
- ▶ 白色: 溶氧
- ▶ 藍色: 電導度/濁度



Dissolved Oxygen

HI7609829-2 溶氧



pH

HI7609829-0 酸鹼度

HI7609829-1 酸鹼度/ORP



ISE

HI7609829-10 氨氮離子選擇電極

HI7609829-11 氯離子選擇電極

HI7609829-12 硝酸根離子選擇電極



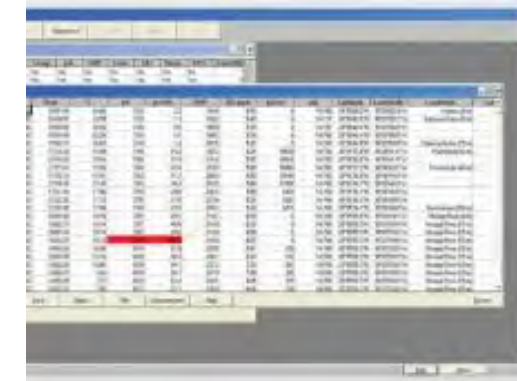
Conductivity

HI7609829-3 電導度



Conductivity and Turbidity

HI7609829-4 電導度/濁度



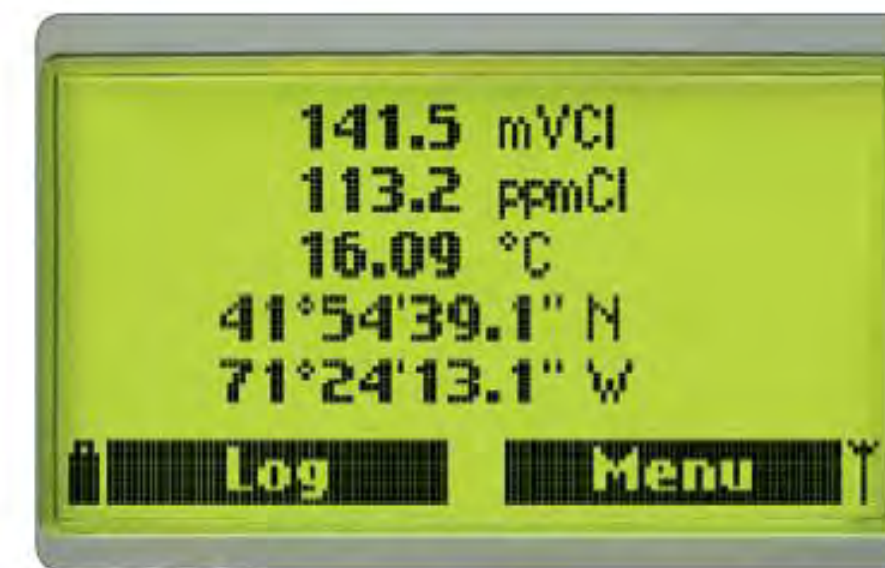
新品3: HI98294 多參數手持檢測儀



GPS Screen Features



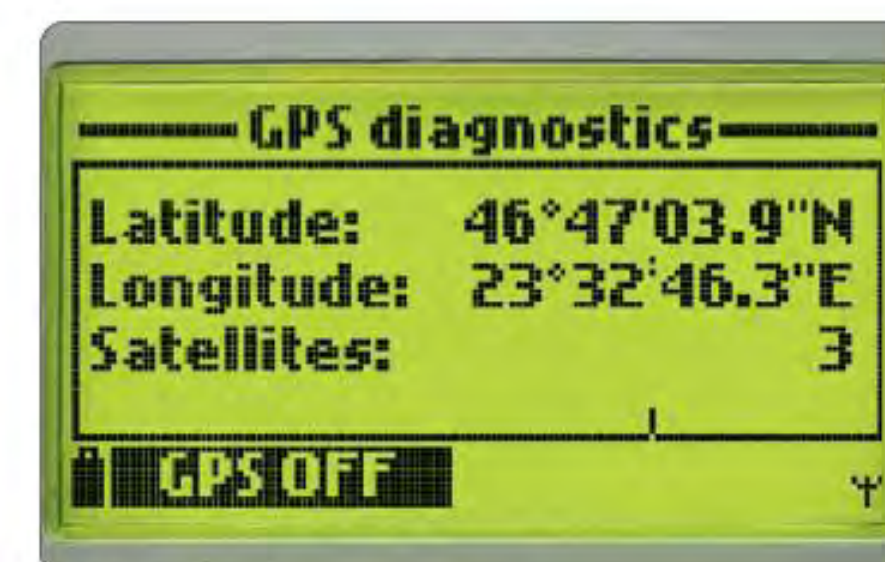
- GPS data can be customized to meet specific requirement



- Display up to 10 measurement parameters along with GPS coordinates and are recorded with logged data



- Displays distances between current and predefined locations



- Shows current position and number of satellites

- ✓ USB-C 充電+數據傳輸
- ✓ HI9829更新版
- ✓ 可檢測參數: pH, ORP, ISE, EC, TDS, DO, 濁度, 比電阻, 鹽度, 海水密度, 溫度, 大氣壓
- ✓ GPS功能



HI7698194-1

HI7698594-4

HI7698194-2

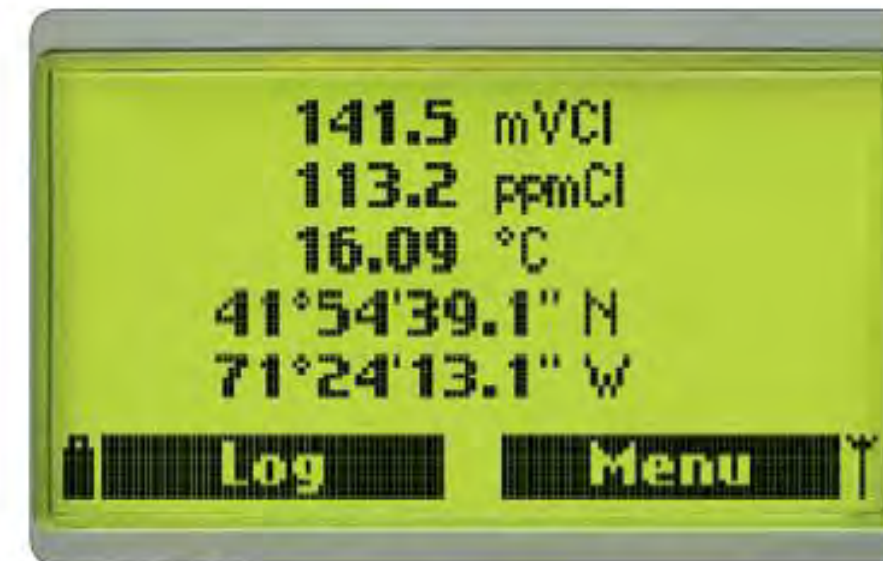
新品3: HI98394 多參數手持檢測儀



GPS Screen Features



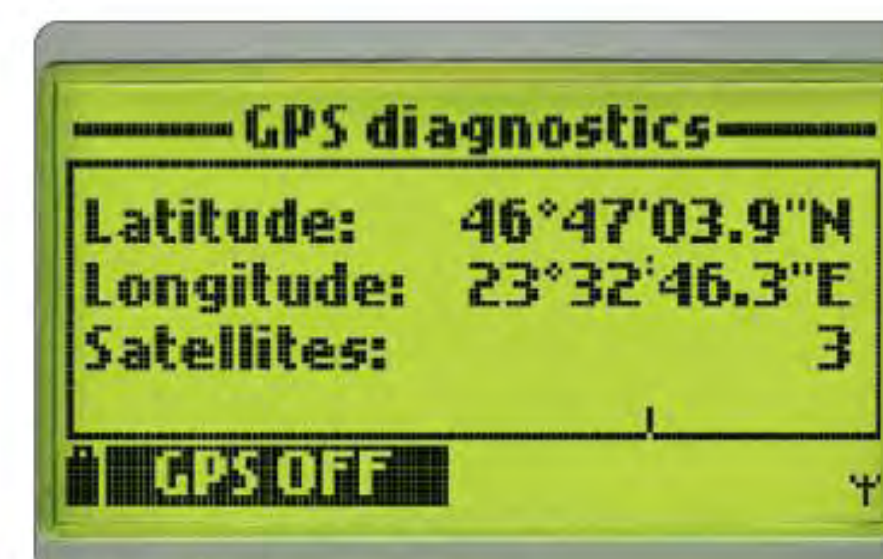
- GPS data can be customized to meet specific requirement



- Display up to 10 measurement parameters along with GPS coordinates and are recorded with logged data



- Displays distances between current and predefined locations



- Shows current position and number of satellites

- ✓ USB-C 充電+數據傳輸
- ✓ HI9829更新版
- ✓ 可檢測參數: pH, ORP, ISE, EC, TDS, DO,濁度,比電阻,鹽度,海水密度,溫度,大氣壓
- ✓ GPS功能
- ✓ 探棒自動記錄功能



HI7698194-1

HI7698594-4

HI7698194-2

手持多參數檢測儀 功能比較表

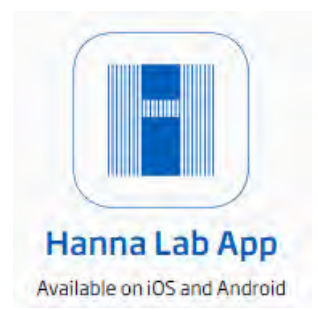
	(B) Benchtop, (P) Portable	pH	ORP	ISE	EC	TDS	Resistivity	Salinity	Temperature	Ammonium	Chloride	Nitrate	Seawater σ	Turbidity	Dissolved Oxygen	Atmospheric Pressure	Bluetooth [®]	GPS	Fast Tracker [™]	Logging	Modular System	Page
HI6000*	B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	7.4
HI9829	P	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		• ¹	•	•		7.22
HI98394	P	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•		7.36
HI98294	P	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•		7.44
HI98594	P	•	•		•	•	•	•	•				•	•	•	•	•			•		7.52
HI98494	P	•	•		•	•	•	•	•				•		•	•	•			•		7.58
HI98194	P	•	•		•	•	•	•	•				•		•	•				•		7.64
HI98195	P	•	•		•	•	•	•	•				•							•		7.68
HI981954	P	•	•		•	•	•	•	•				•							•		7.72
HI98196	P	•	•						•						•	•				•		7.76

Hanna Solutions- Testers

Since 1978



HALO2
Wireless pH Testers



Hanna Solutions- Photometers

HI801 可見光光度計

內建80+種常見水質參數檢測方法

波長範圍340-900nm

可自建多達100 種方法，螢幕指引簡單易操作

每個方法可建多達10個校正點、5種反應時間、5種波長
可建立我的最愛捷徑，輕鬆選取方法



Built-In Holder

Holds 22 mm round cuvettes and rectangular cuvettes with a 5 cm path length



Round Adapter

Holds 13 mm round cuvettes



Square Adapter

Holds 10 mm square cuvettes



Vial Adapter

Holds 13 mm round vials



新品- HI802 分光光度計

- ✓ 內建103種檢測方法
- ✓ 常用方法可加至我的最愛，輕鬆選擇
- ✓ 條碼辨識功能，試劑放入自動秀出對應方法
- ✓ 歸零記憶功能，按讀取即可看數值
- ✓ 可自建100種方法
- ✓ 樣品自動旋轉，連續讀值取平均，數據更準確
- ✓ SampleID功能，簡單記錄樣品名稱



NEW



ID	方法名稱	範圍	解析度	測試瓶	試劑型號	測試次數
001	鹼度	0-500 mg/L	1 mg/L	22 mm	HI775-26	約25
002	海水鹼度	0-300 mg/L	1 mg/L	22 mm	HI755-26	約25
003	鋁離子	0.00-1.00 mg/L	0.01 mg/L	22 mm	HI93712-01	100
004	低濃度氨氮	0.00-3.00 mg/L	0.01 mg/L	16 mm	HI93700-01	約100
★005	低濃度氨氮	0.00-3.00 mg/L	0.01 mg/L	13 mm	HI93764A-25	25
006	中濃度氨氮	0.00-10.00 mg/L	0.01 mg/L	16 mm	HI93715-01	約100
007	高濃度氨氮	0.0-100.0 mg/L	0.1 mg/L	16 mm	HI93733-01	約100
★008	高濃度氨氮	0.0-100.0 mg/L	0.1 mg/L	13 mm	HI93764B-25	25
009	溴離子	0.00-10.00 mg/L	0.01 mg/L	22 mm	HI93716-01	100
010	鈣離子	0-400 mg/L	1 mg/L	22 mm	HI937521-01	約50
011	海水鈣離子	200-600 mg/L	1 mg/L	16 mm	HI758-26	約25
012	氯化物	0.0-20.0 mg/L	0.1 mg/L	22 mm	HI93753-01	100
013	二氧化氯	0.00-2.00 mg/L	0.01 mg/L	22 mm	HI93738-01	約100
014	超低濃度餘氯	0.000-0.500 mg/L	0.001 mg/L	22 mm	HI95762-01	100
015	低濃度餘氯(粉)	0.00-5.00 mg/L	0.01 mg/L	22 mm	HI93701-01	100
016	低濃度餘氯(液)	0.00-5.00 mg/L	0.01 mg/L	22 mm	HI93701-F	約300
017	高濃度餘氯	0.00-10.00 mg/L	0.01 mg/L	22 mm	HI93734-01	約100
018	超低濃度總氯	0.000-0.500 mg/L	0.001 mg/L	22 mm	HI95761-01	100
019	低濃度總氯(粉)	0.00-5.00 mg/L	0.01 mg/L	22 mm	HI93711-01	100
020	低濃度總氯(液)	0.00-5.00 mg/L	0.01 mg/L	22 mm	HI93701-T	約300
021	高濃度總氯	0.00-10.00 mg/L	0.01 mg/L	22 mm	HI93734-01	約100
022	超高濃度總氯	0-500 mg/L	1 mg/L	22 mm	HI95771-01	100
023	低濃度六價鉻	0-300 µg/L	1 µg/L	22 mm	HI93749-01	100
024	高濃度六價鉻	0-1000 µg/L	1 µg/L	22 mm	HI93723-01	100
★025	低濃度COD (EPA)	0-150 mg/L	1 mg/L	13 mm	HI93754A-25	25
★026	低濃度COD(無汞)	0-150 mg/L	1 mg/L	13 mm	HI93754D-25	25
★027	低濃度COD (ISO)	0-150 mg/L	1 mg/L	13 mm	HI93754F-25	25
★028	中濃度COD (EPA)	0-1500 mg/L	1 mg/L	13 mm	HI93754B-25	25
★029	中濃度COD(無汞)	0-1500 mg/L	1 mg/L	13 mm	HI93754E-25	25
★030	中濃度COD (ISO)	0-1500 mg/L	1 mg/L	13 mm	HI93754G-25	25
★031	高濃度COD (EPA)	0-15000 mg/L	1 mg/L	13 mm	HI93754C-25	25
032	色度	0-500 PCU	1 PCU	22 mm	-	-
033	低濃度銅離子	0-1500 µg/L	1 µg/L	22 mm	HI95747-01	100
034	高濃度銅離子	0.00-5.00 mg/L	0.01 mg/L	22 mm	HI93702-01	100
035	氯化物	0.000-0.200 mg/L	0.001 mg/L	22 mm	HI93714-01	約100
036	氯尿酸	0-100 mg/L	1 mg/L	22 mm	HI93722-01	100
037	低濃度氯離子	0.00-2.00 mg/L	0.01 mg/L	22 mm	HI93729-01	約100
038	高濃度氯離子	0.0-20.0 mg/L	0.1 mg/L	22 mm	HI93739-01	約100
039	鈣硬度	0.00-2.70 mg/L	0.01 mg/L	22 mm	HI93720-01	約100
040	鎂硬度	0.00-2.00 mg/L	0.01 mg/L	22 mm	HI93719-01	約100
041	低濃度總硬度	0-250 mg/L	1 mg/L	22 mm	HI93735-00	約100
042	中濃度總硬度	200-500 mg/L	1 mg/L	22 mm	HI93735-01	約100
043	高濃度總硬度	400-750 mg/L	1 mg/L	22 mm	HI93735-02	約100
044	聯氨	0-400 µg/L	1 µg/L	22 mm	HI93704-01	約100
045	碘離子	0.0-12.5 mg/L	0.1 mg/L	22 mm	HI93718-01	100

ID	方法名稱	範圍	解析度	測試瓶	試劑型號	測試次數
046	低濃度錳離子	0.000-1.600 mg/L	0.001 mg/L	22 mm	HI93746-01	100
047	高濃度錳離子	0.00-5.00 mg/L	0.01 mg/L	22 mm	HI93721-01	100
048	銻離子	0-150 mg/L	1 mg/L	22 mm	HI937520-01	約50
049	低濃度錳離子	0-300 µg/L	1 µg/L	22 mm	HI93748-01	50
050	高濃度錳離子	0.0-20.0 mg/L	0.1 mg/L	22 mm	HI93709-01	100
051	氯離子透光率	0.00-100.00 %T	0.01 %T	10 mm	HI93703-57	30 mL
052	鉍離子	0.0-40.0 mg/L	0.1 mg/L	22 mm	HI93730-01	100
053	低濃度鎳離子	0.000-1.000 mg/L	0.001 mg/L	16 mm	HI93740-01	50
054	高濃度鎳離子	0.00-7.00 g/L	0.01 g/L	22 mm	HI93726-01	100
055	硝酸鹽	0.0-30.0 mg/L	0.1 mg/L	22 mm	HI93728-01	100
★056	硝酸鹽(色原法)	0.0-30.0 mg/L	0.1 mg/L	13 mm	HI93766-50	50
057	海水超低濃度亞硝酸鹽	0-200 µg/L	1 µg/L	22 mm	HI764-25	25
058	低濃度亞硝酸鹽	0-600 µg/L	1 µg/L	22 mm	HI93707-01	100
059	高濃度亞硝酸鹽	0-150 mg/L	1 mg/L	22 mm	HI93708-01	100
★060	低濃度銻	0.0-25.0 mg/L	0.1 mg/L	13 mm	HI93767A-50	50
★061	高濃度銻	10-150 mg/L	1 mg/L	13 mm	HI93767B-50	50
062	溶氧	0.0-10.0 mg/L	0.1 mg/L	22 mm	HI93732-01	約100
063	脫氫劑 - Carbohydrazide	0.00-1.50 mg/L	0.01 mg/L	22 mm	HI96773-01	約50
064	脫氫劑 - DEHA	0-1000 µg/L	1 µg/L	22 mm	HI96773-01	約50
065	脫氫劑 - Hydroquinone	0.00-2.50 mg/L	0.01 mg/L	22 mm	HI96773-01	約50
066	脫氫劑 - Isoscorbic Acid	0.00-4.50 mg/L	0.01 mg/L	22 mm	HI96773-01	約50
067	臭氧	0.00-2.00 mg/L	0.01 mg/L	22 mm	HI93757-01	100
					HI93703-52*	100
068	酸鹼度pH	6.5-8.5 pH	0.1 pH	22 mm	HI93710-01	約100
069	海水超低濃度磷酸鹽	0-200 µg/L	1 µg/L	22 mm	HI736-25	25
070	低濃度磷酸鹽	0.00-2.50 mg/L	0.01 mg/L	22 mm	HI93713-01	100
071	高濃度磷酸鹽	0.0-30.0 mg/L	0.1 mg/L	22 mm	HI93717-01	100
★072	酸性水溶磷	0.00-1.60 mg/L	0.01 mg/L	13 mm	HI93758B-50	50
★073	低濃度反應性磷	0.00-1.60 mg/L	0.01 mg/L	13 mm	HI93758A-50	50
★074	高濃度反應性磷	0.0-32.6 mg/L	0.1 mg/L	13 mm	HI93763A-50	約50
★075	低濃度總磷	0.00-1.60 mg/L	0.01 mg/L	13 mm	HI93758C-50	50
★076	高濃度總磷	0.0-32.6 mg/L	0.1 mg/L	13 mm	HI93763B-50	約50
077	低濃度鉀離子	0.0-20.0 mg/L	0.1 mg/L	22 mm	HI93750-01	約100
078	中濃度鉀離子	1.0-100 mg/L	1 mg/L	22 mm	HI93750-01	約100
079	高濃度鉀離子	20-200 mg/L	1 mg/L	22 mm	HI93750-01	約100
080	低濃度矽酸鹽	0.00-2.00 mg/L	0.01 mg/L	22 mm	HI93705-01	100
081	高濃度矽酸鹽	0-200 mg/L	1 mg/L	22 mm	HI96770-01	100
082	銻離子	0.000-1.000 mg/L	0.001 mg/L	22 mm	HI93737-01	約50
083	硫酸鹽	0-150 mg/L	1 mg/L	22 mm	HI93751-01	100
084	表面活性劑-陰離子型(SDBS)	0.00-3.50 mg/L	0.01 mg/L	22 mm	HI95769-01	約40
085	銻離子	0.00-3.00 mg/L	0.01 mg/L	22 mm	HI93731-01	100
086	二氧化氯(快速)	0.00-2.00 mg/L	0.01 mg/L	22 mm	HI96779-01	約100
★087	六價鉻/總鉻	0-1000 µg/L	1 µg/L	13 mm	HI96781-01	25
★088	超高濃度COD	0.0-60.0 ppt	0.1 ppt	13 mm	HI93754J-25	25
089	亞鐵離子	0.00-6.00 mg/L	0.01 mg/L	22 mm	HI96776-01	100
★090	糠醛(含雜合物)	0.00-7.00 mg/L	0.01 mg/L	13 mm	HI96778-25	25
★091	低濃度亞硝酸鹽	0-600 µg/L	1 µg/L	13 mm	HI96783-25	25
★092	中濃度亞硝酸鹽	0.00-6.00 mg/L	0.01 mg/L	13 mm	HI96784-25	25
★093	表面活性劑-陽離子型(SDBS)	0.00-3.50 mg/L	0.01 mg/L	13 mm	HI96782-25	25
★094	表面活性劑-非離子型 (TRITON X-100)	0.00-6.00 mg/L	0.01 mg/L	13 mm	HI96780-25	25
★095	表面活性劑-陰離子型 (CTAB)	0.00-2.50 mg/L	0.01 mg/L	13 mm	HI96785-25	25
★096	銻離子	0.00-6.00 mg/L	0.01 mg/L	13 mm	HI96786-25	25
★097	鈣離子	0.00-5.00 mg/L	0.01 mg/L	13 mm	HI96788-25	25
★098	海水亞硝酸鹽	0-600 µg/L	1 µg/L	13 mm	HI96789-25	25
099	低範圍色度(ADMI)	0-250 ADMI Pt-Co	1 ADMI Pt-Co	50 mm	-	-
100	高範圍色度(ADMI)	0-600 ADMI Pt-Co	1 ADMI Pt-Co	10 mm	-	-
★101	低濃度氯氣 (ISO)	0.000-2.500 mg/L	0.001 mg/L	13 mm	HI96791-25	25
102	海水高濃度磷酸鹽	0.0-75.0 mg/L	0.1 mg/L	16 mm	HI782-25	25
103	海水銻離子	1.000-18.00 mg/L	5 mg/L	22 mm	HI783-25	約25

* 現場沉澱

★ 可使用條碼讀取的測試方法

Hanna Solutions- Photometers



HI833XX



HI97XXX

餘氯/總氯/COD/氨氮/鈣鎂...



Hanna Solutions- Photometers



HI98703
濁度



HI93414
濁度+餘氯



Hanna Solutions- Instrument Application

Since 1978



7.01 pH @ 25°C - Bottles