

UV-Vis Spectrophotometer

UV-1280 Water Analysis System



Easy, Accurate Water Analysis of 22 Sample Types/39 Items

Features

Only 1.5mL of test sample*

Easy operation

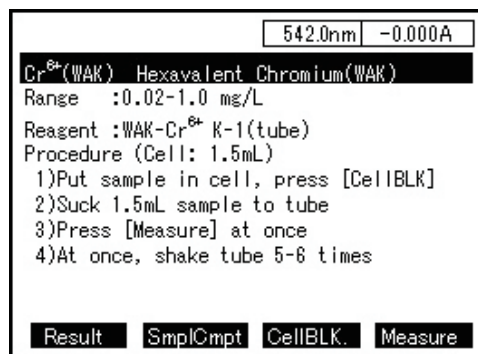
- Operation screen provides instructions from sample preparation to analysis with the UV-1280.
- Follow the messages on the UV-1280 screen.
- Simply insert the sample cell to analyze using built-in measurement parameters and calibration curves for 39 items in 22 types of samples.
- Automatic analysis commences after a specified time. The elapsed time is displayed on the screen, concentration values are displayed automatically after the specified time has elapsed, and a buzzer sounds to indicate that analysis is complete.
- If the optional multicell holder (6 cells) is used, up to six cells can be measured consecutively in one analysis.
- Calibration curves created with another reagent can be used by customizing a calibration curve.

Safe reagent kit

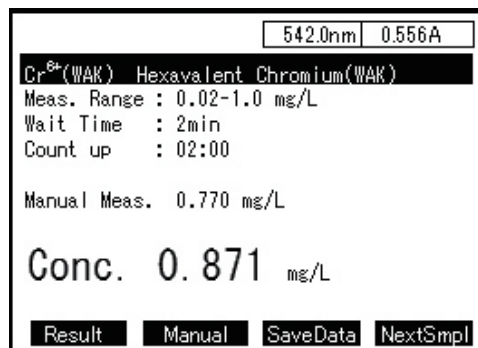
- Kyoritsu Pack Test series kits are safe and easy to operate.
- Safety reagents from Kyoritsu Chemical-Check Lab can be operated easily.

Higher accuracy and stability

- The high performance monitored-double beam UV-1280 offers easy operation, and ensures accurate, stable analysis.



Operation Screen for Water Analysis Program Pack



Measuring Screen for Water Analysis Program Pack

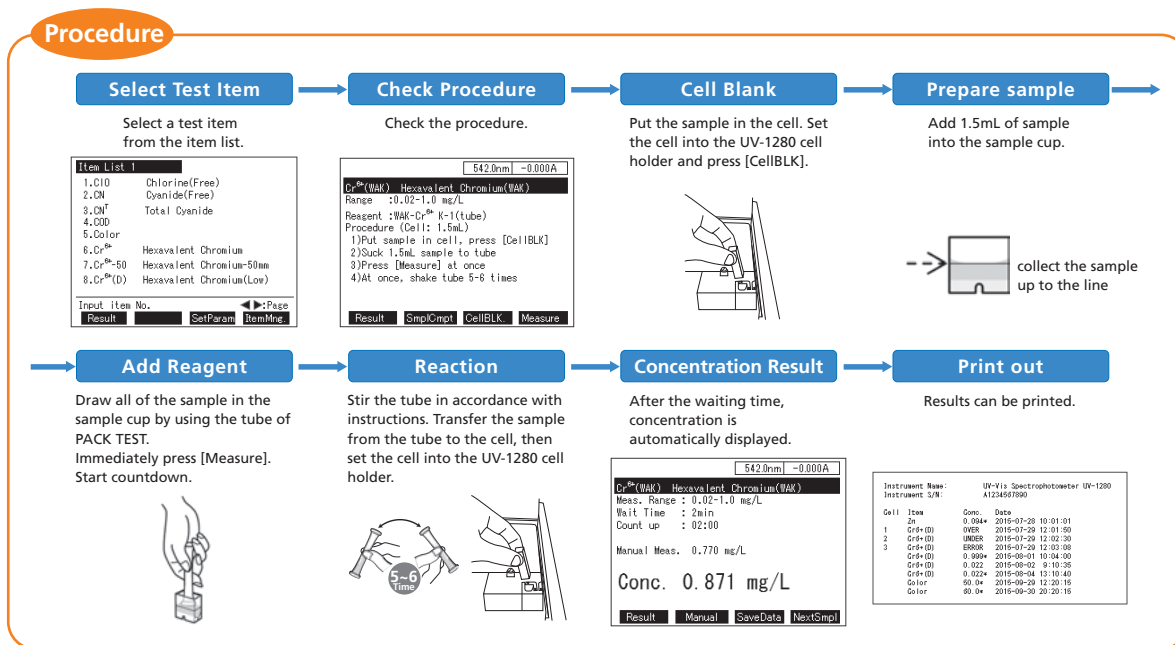
* except some items

UV-1280 Water analysis System

Combining the UV-1280 and a simple reagent kit from Kyoritsu Chemical-Check Lab ensures easy operation, and accurate, stable water analysis.

	Name
ClO	Chlorine(Free)
CN	Cyanide(Free)
CN ^T	Total Cyanide
COD	COD
Color	Color
Cr ⁶⁺	Hexavalent Chromium
Cr ⁶⁺ -50	Hexavalent Chromium-50mm
Cr ⁶⁺ (D)	Hexavalent Chromium(Low)
Cr ⁶⁺ (WAK)	Hexavalent Chromium(WAK)
Cr ^T	Total Chromium
Cu	Copper
F	Fluoride(Free)
Fe	Iron
Fe (D)	Iron(Low)
FOR	Formaldehyde
H ₂ O ₂	Hydrogen Peroxide
Mn	Manganese
NH ₄	Ammonium
NH ₄ -N	Ammonium Nitrogen
Ni	Nickel

	Name
NO ₂	Nitrite
NO ₃ (1)	Nitrate(NO ₂ =0)
NO ₃ (2)	Nitrate(NO ₂ ≤0.05mg/L)
NO ₃ (3)	Nitrate(NO ₂ ≤5mg/L)
NO ₂ -N	Nitrite Nitrogen
NO ₃ -N (1)	Nitrate Nitrogen(NO ₂ -N=0)
NO ₃ -N (2)	Nitrate N(NO ₂ -N≤0.015mg/L)
NO ₃ -N (3)	Nitrate N(NO ₂ -N≤1.5mg/L)
Pb	Lead
Phenol	Phenol
PO ₄	Phosphate
PO ₄ (D)	Phosphate(Enzyme)
PO ₄ -P	Phosphate Phosphorus
PO ₄ -P(D)	Phosphate P(Enzyme)
S	Sulfide
TH	Total Hardness
Turbid (FTU)	Turbidity(Formazin)
Turbid (PS)	Turbidity(Polystyrene)
Zn (D)	Zinc(Low)



*If the program version of your UV-1280 is 1.02-1.03, your program must be updated by a Shimadzu service engineer. The program version is displayed on the bottom right of the Initialization screen.

For detailed information on the PACKTEST and reagent, please contact:
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