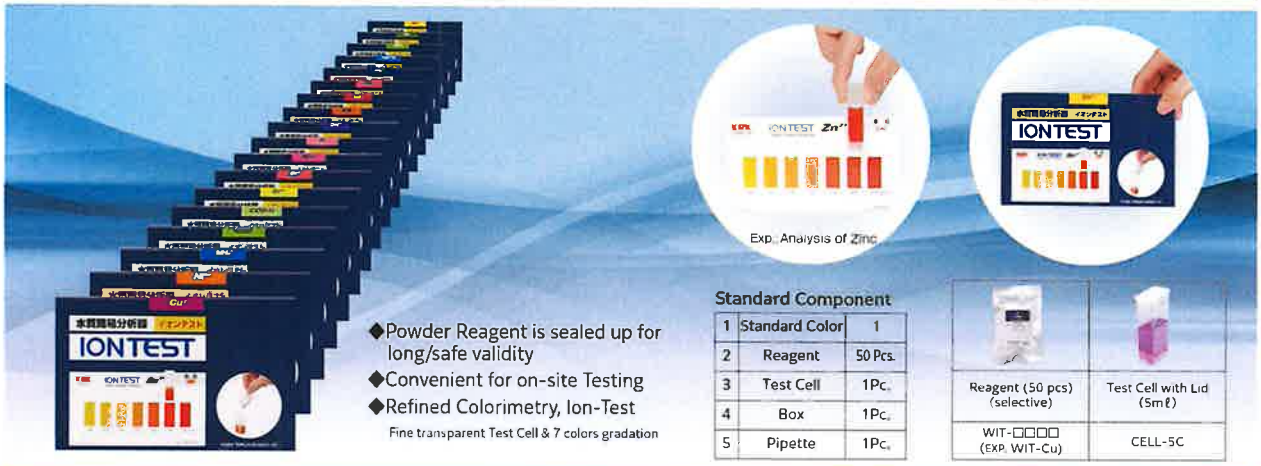
IONTEST 32

WATER SIMPLE ANALYSIS KIT IONTEST®

Anyone can Easily Analyze Water Quality, Anytime and Anywhere.



- ◆Powder Reagent is sealed up for long/safe validity
- ◆Convenient for on-site Testing
- ◆Refined Colorimetry, Ion-Test

Fine transparent Test Cell & 7 colors gradation

Standard Component

1	Standard Color	1
2	Reagent	50 Pcs.
3	Test Cell	1Pc.
4	Box	1Pc.
5	Pipette	1Pc.

Reagent (50 pcs) (selective)	Test Cell with Lid (5mℓ)
WIT-□□□□ (EXP. WIT-Cu)	CELL-5C

◆ION TEST Analysis Procedure

1 Add Reagent

Drop reagent into the cell

2 Add Sample

Drop 5 mℓ of sample into the cell

3 Shake

Shake slightly test cell with lid

4 Colorimetry

Compare to analyze with standard color card

◆ION TEST KIT SPECIFICATION

Model	Testing item	Measuring Range (mg/ℓ =ppm) / Principle	Determination Time	Quantity
WIT-Cu	Copper	0.2/0.5/1.0/2.0/3.0/5.0/10 Cu^{T} Bicinchoninic Acid method	2min.	50
-Cu(B)	Copper	0.2/0.5/1.0/2.0/3.0/5.0/10 Cu^{T} Bathocuproine method ★ If Test water contains such Chelating agent as EDTA, etc., please apply WIT-Cu(B) for testing.	1min.	50
-Ni	Nickel	0.2/0.5/1.0/2.0/3.0/5.0/10 Ni^{2+} Nioxime method	2min.	50
-NH_4	Ammonium ion Ammonium-Nitrogen	0.3/0.7/1.3/2.6/6.5/13/26 NH_4^+ 0.2/0.5/1.0/2.0/5.0/10/20 NH_4^+-N Indophenol Blue method	5min.	50
-COD-M	COD-M(Middle range)	0/5/10/13/20/50/100 Oxidation with Potassium Permanganate in Alkalinity method	4~6min.	50
-COD-H	COD-H(High range)	0/20/40/80/120/180/250 Oxidation with Potassium Permanganate in Alkalinity method	4~6min.	50
-Cr^{6+}	Chromium(Hexavalent)	0.05/0.1/0.2/0.5/0.8/1.0/2.0 Cr^{6+} Diphenylcarbazide method	2min.	50
-Cr^{T}	Total Chromium	0.5/1/2/5/8/10/20 Cr^{T} Oxidation and Diphenylcarbazide method	30sec.	50
-HOCℓ	Residual Chlorine	10/20/30/50/80/100/150 HOCℓ KI method	10sec.	50
-O_3	Ozone	0.1/0.2/0.3/0.5/0.8/1.0/2.0 O_3 DPD method	10sec.	50
-CN	Free Cyanide	0.02/0.05/0.1/0.2/0.5/1.0/2.0 CN^- 4-Pyridinecarboxylic Acid method	10min.	50
-H_2O_2-H	Hydrogen Peroxide (High range)	10/20/30/50/80/100/150 H_2O_2 KI method	10sec.	50
-NO_2	Nitrite Nitrite-Nitrogen	0.05/0.1/0.2/0.4/0.6/0.8/1.0 NO_2^- 0.015/0.03/0.06/0.12/0.18/0.24/0.30 NO_2^--N GR method	3min.	50
-NO_3	Nitrate Nitrate-Nitrogen	0.5/1.0/2.0/4.0/6.0/10/20 NO_3^- 0.1/0.2/0.5/1.0/1.4/2.3/4.6 NO_3^--N Reduction GR method	3min.	50
-PO_4	Phosphate Phosphate-Phosphorus	0.2/0.5/1.0/1.5/2.0/3.0/5.0 PO_4^{3-} 0.1/0.2/0.3/0.5/0.7/1.0/1.7 PO_4^{3-}-P Molybdenum blue method	3min.	50
-PO_4-H	Phosphate Phosphate-Phosphorus (High range)	2/5/10/15/20/30/50 PO_4^{3-} 0.7/1.7/3.3/5.0/6.6/10/17 PO_4^{3-}-P Molybdenum blue method	3min.	50
-TN-i	Total Nitrogen (Inorganic)	0/5/10/20/40/60/100 TN Reduction & Indophenol blue method	20min.	50
-Fe	Iron	0.2/0.5/1.0/1.5/2.0/3.0/5.0 Fe Reduction & O-phenanthroline method	5min.	50
-Zn	Zinc	0/0.2/0.3/0.5/1.0/2.0/5.0 Zn PAN method	2min.	50