



(Cu Liquid)

(Ni Liquid)

Measurement of both Copper and Nickel Density with a Single Meter

Measures Density of Both Copper and Nickel by shifting Measuring Mode.

※No measurement if Copper and Nickel exist at the Same Time.



Possible to measure Copper and CuSO₄ Density with just Single Instrument

Measurement of both Copper Density and Copper Sulfate Density with a Single Meter

Copper (Cu)
Density : 0~80g/ℓ

Copper Sulfate (CuSO₄)
Density : 0~300g/ℓ



◆Possible to measure 6-Items by selecting 6 Mode

Such as Cu, CuSO₄, Ni, Abs, User Mode, Temperature

Density Measurement of Copper and Nickel by Absorbance

Density is controlled by Absorbance (Abs).



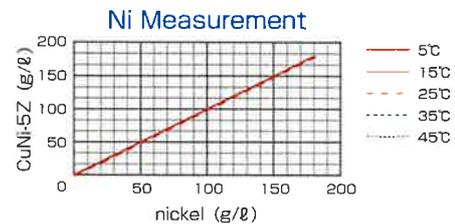
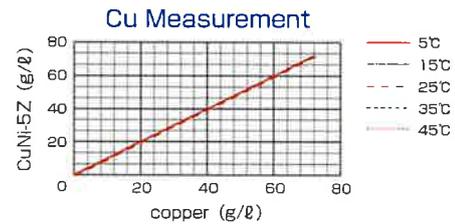
Measurement and Calibration by User Mode

Original linearity, Value and Measuring Unit can be set.

e.g. %, mol, g/ℓ



◆Linearity & Temp Characteristic



◆Specifications

Product Name / Model	Nickel / Copper Meter CuNi-5Z
Measuring Object	Cu & Ni Measurement in Sulfuric acid Copper Etching / Nickel Plating Liquids
Measuring Principle	Absorbance Method
Measuring Range	Cu : 0.0~80.0g/ℓ CuSO ₄ : 0~300g/ℓ Ni : 0.0~199.9g/ℓ Abs : 0.000~1.999 Abs User Mode : 0~1999 (Non-Measuring unit) Temp : 0.0~50.0°C
Accuracy	Within ±2% of F.S. (at constant Condition)
Span Calibration	By Cu or Ni Standard Solution
Self Diagnosis	Battery Check, CAL ERR, ERR etc.
Power Supply	Alkaline Battery LR03×3 (DC 4.5V) Auto Power off after 30 Minutes
Outer Dimensions	Meter : Approx 75(W)×180(D)×38(H)mm
Weight	Approx 300g
Standard	Meter(CuNi-5Z), Detector(CUD-61), Manual,
Components	Brush, Alkali Batteries(LR03×3), Carrying case Measuring container, Vinyl cover.
Optional Accessories	Cu or Ni : standard solution 250mℓ

◆Detector

Product Name	Copper / Nickel Detector
Model	CUD-61(For high Density)
Material	PFA, PPS, Quartz.
Sample Condition	0 ~ 45°C
Dimensions / Weight	Approx φ40×250mm / 500g
Cable	2m

◆Measuring Sensor of Copper and Nickel with excellent Chemical-Resistance

This Meter measures PC, PPIC, Density of Copper and Nickel out of the Copper Sulfate Plating Liquid, or Nickel Plating Liquid in the Field of Electronic Part industry by the Sensitive Absorbance Method. This is also a very convenient Copper and Nickel Density Meter with Temperature Measurement by Light Absorbance.