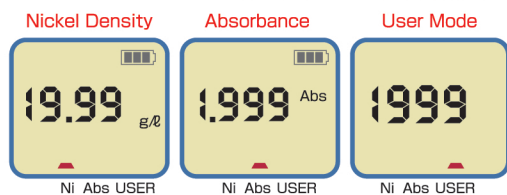


# 31 NICKEL DENSITY METER **Ni-5Z**

## Measurement of Nickel Density in Nickel Plating Process



### Possible to select by 3 Measuring Mode



#### Measures Nickel Density in g/ℓ Unit or Abs Unit

g/ℓ : 0.00~19.99 g/ℓ (Ni-5ZL)

0.1~199.9 g/ℓ (Ni-5Z)

Abs : 0.000~1.999 Abs

User Mode : original Linearity (0~1999 without Unit)

### Specifications

#### Meter

Product Name/Model	Ni-5Z For high density	Ni-5ZL For low density
Measuring Range	Ni density : 0.0~199.9g/ℓ Absorbance : 0.000~1.999 Abs User mode : 0~1999 (Non-unit)	0.00~19.99g/ℓ
Temp. compensation	Automatic	
Accuracy	Within ±2% of F.S. (at constant condition)	
Calibration	ZERO : with distilled water SPAN : with 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 : 75(W)×38(H)×180(D)mm	
Weight	Approx. 300g	
Standard components	Meter, Detector, Measuring vessel Strap, Brush, Alkali AAA batteries(LR03×3)	
Optional Accessories	Nickel standard solution 250ml	

### Ni sensor for Low Density Measurement of various Nickel Plating Solution

Exact Measurement of Nickel Density out of various kinds of plating Solution such as Nickel Sulfate, Nickel Sulfamate, Nickel Chloride, etc.

### Excellent Chemical-Resistance and Heat-Resistance

Liquid junction is made of PFA, PVC or PX glass.

### Measuring Outline

This Meter simply and sensitively measures Density of Nickel out of various plating Solution, such as Nickel Sulfate, Nickel Sulfamate, Nickel Chloride, etc. by g/ℓ, Abs.

Of course, complicated Operation is not Necessary.

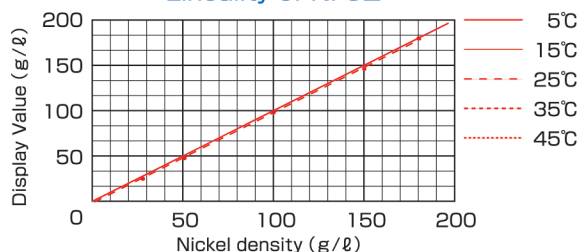
Meters and Sensors are available for both High Density and Low Density. Optional from measuring Purpose.

### Detector

Product Name/Model	CUD-61 For high density	NID-61L For low density
Measuring Principle	Light absorbance method	
Cable length	2m	
Material	SUS-304(PFA coating), PVC, or Glass	
Sample condition	Temp. : within 0~45℃ pH : 0.0 ~ 6.5 (Acidity bath)	
Weight	Approx 165g	

### Linearity and Temperature Characteristic

Lineality of Ni-5Z



Lineality of Ni-5ZL

