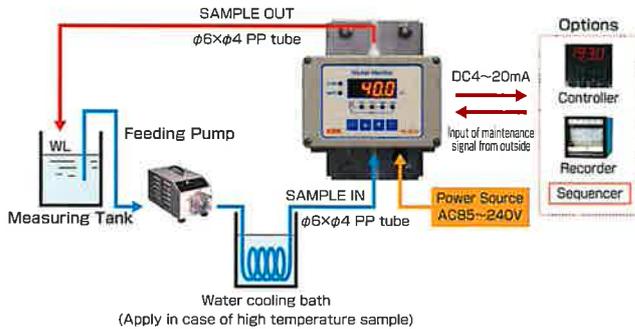


Nickel(Ni)

33 Ni-800

Nickel Monitor (0~200 g/l Ni measuring standard)

Measuring System



Outline

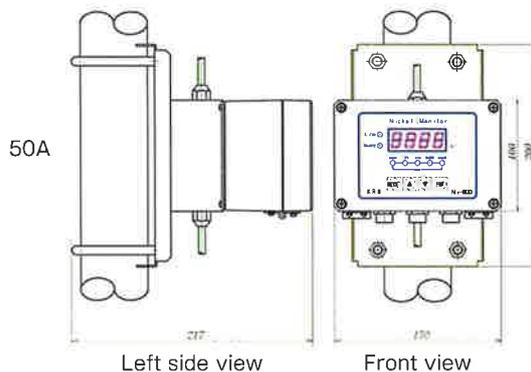
This is a In-Line type Nickel Density Meter which continuously measures Nickel density of nickel plating process of electronic parts and controls density.

Density signal can be appropriately controlled by connecting to optional Recorder, Controller, Sequencer, etc.

Common Features(Ni-800 & CU-800)

- ① Detector/Converter Unified Type In-line Density Meter
Easy to install, calibrate and maintain
- ② During operation, measuring value display can be OFF
Measured value can be controlled by the remotely-installed recorder and adjuster
- ③ 3-range type transmittal output 4~20mA DC
Recording range and control range of measured value is changeable
- ④ Excellent chemical-resistant, heat-resistant Detector
Main material are quartz, PPS, PP, etc.
- ⑤ Easy, and 4-Key Operation is OK
4-keys : **MODE**, **▲**, **▼**, **ENT**
Function display lamp :
MEAS→**ZERO**→**SPAN**→**RANGE**→**CHECK**→...

Outer Dimensions



Meter

Product name	Nickel Density Meter of Nickel plating		
Display	LED red 4 digits		
Model	Ni-800(for High Density Measurement)		
(instructed)	Ni-800L(for Low Density Measurement)		
Measuring range	Ni-800(High) :0.0~200.0g/l Ni Ni-800L(Low):0.00~20.00g/l Ni		
Resolution	0.1g/l(for High Density Measurement) 0.01g/l(for Low Density Measurement)		
Transmittal output	DC4~20mA(isolation type), load resistance 250~500Ω		
		Ni (high) FS : 200 g/l	Ni (low) FS : 20 g/l
	Range 1	0~200	0~20
	Range 2	0~100	0~10
	Range 3	0~50	0~5
	※Transmittal output cable is 5m standard with Y terminal		
Accuracy	Within ± 2% of F.S		
Hold function	DC output 4~20mA is held by inputting no-voltage contact point signal from outside		
Power voltage	AC100/110V 50/60Hz, Cable 5m, with plug, standard ※In case of 200~240V or cable extension, instruction in advance is appreciated because Y terminal treatment is applied without 3p plug		

Ni Detector

Model	High density: NiD-3C Low density: NiD-10C
Method	Light Absorbance Method, In-line type measurement
Sample condition	Sample pressure :0.2 MPa or less Sample temperature:80°C or less
Pyping	PP tube(φ6×φ4)
Installation	Pole or fix on the wall(SUS-304 fixing board is standard)
Std. component	Detector and indicating converter are unified. Pole fixing board (SUS-304), PP tube (3m), Power cable 5m, Current output signal cable 5m, Hold signal cable 5m, Handling Instruction, Written Guarantee
Optional ACCS.	exclusive plug, cable with connector (max. 10m), Standard solution for calibration, relay box, extension cable, Feeding pump for supplying liquid (Tell us power source and frequency)