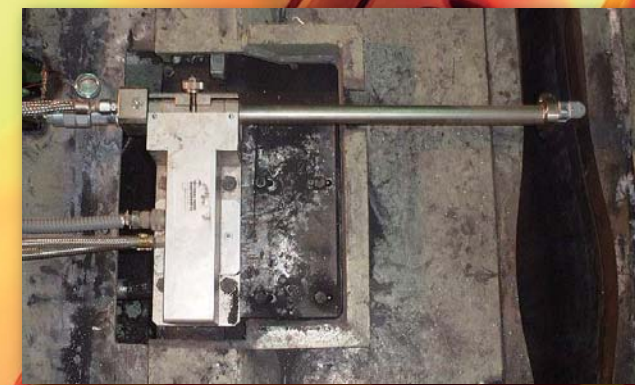




Continuous casting level measurement leading company.



We reserve the right to change the specification in this catalog without prior notice for improving and updating our products.

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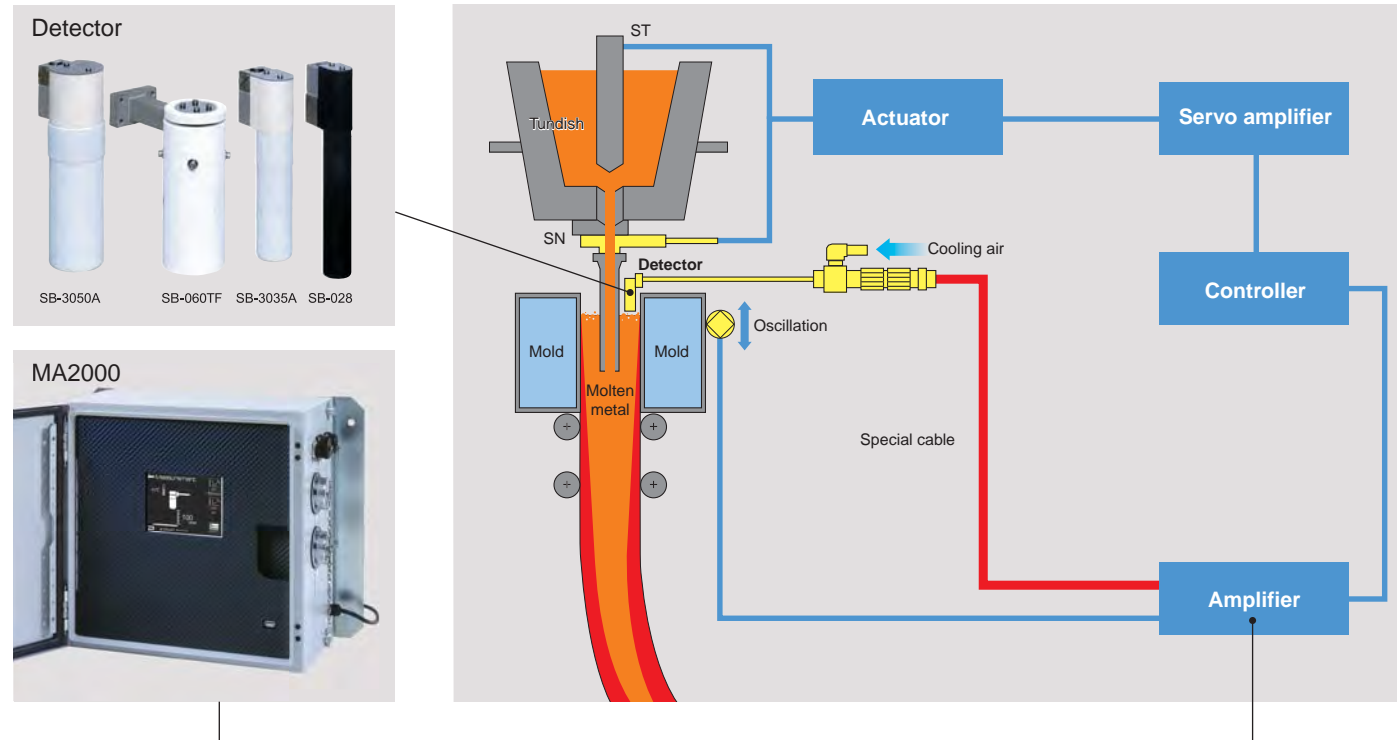
<http://www.nireco.com>

QI0908.1-E 1509TP004

Printed in Japan

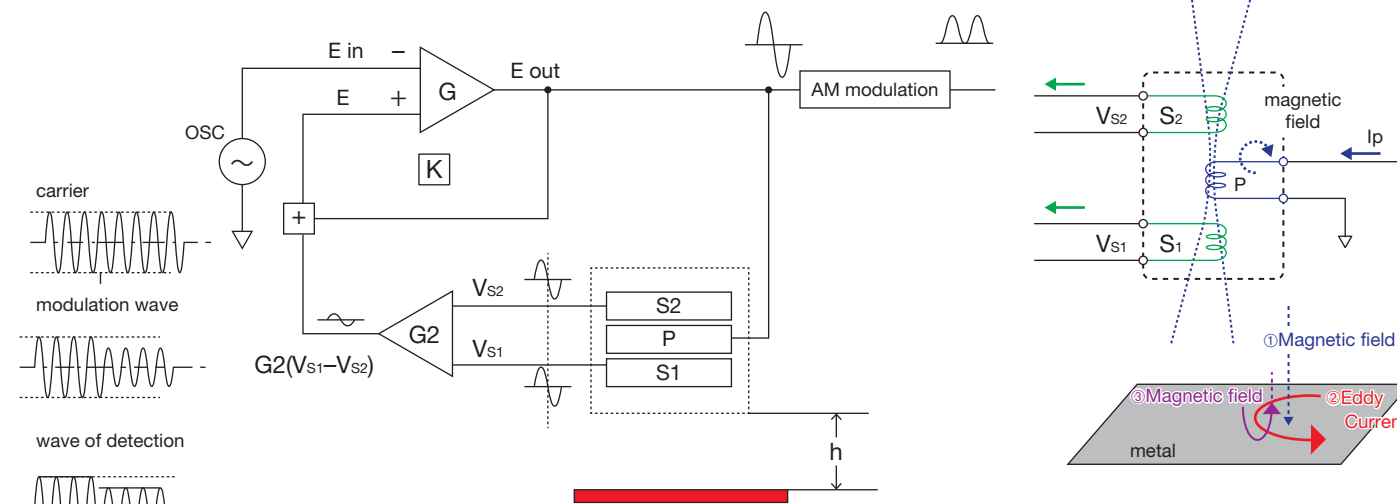
Eddy Current Level Meter ECLM2000 Series

The ECLM-2000 Series level meter has been designed for use as a molten-metal level control sensor within molds form the continuous casting equipment of iron manufacturing plants, and it comprises a detector, amplifier, and a special cable.



Detector	Model	SB-028	SB-3035A	SB-3050A	SB-060TF
	Measurement range	0 - 100 mm	0 - 150 mm	0 - 200 mm	0 - 150 mm
	External dimensions	28 x 194 mm	35 x 170 mm	51 x 185 mm	60 x 150 mm
	Weight	0.5 kg	0.6 kg	0.9 kg	1.0 kg
	Applicable molds	Billet, Bloom	Billet, Bloom, Slab	Slab	Slab
	Thermal drift	±0.25mm/°C (mold level 70mm)	±0.25mm/°C (mold level 100mm)	±0.15mm/°C (mold level 100mm)	±0.25mm/°C (mold level 100mm)

Principle of The Eddy Current Level Meter



MA2000A FEATURES

Innovation

- Short setup time (Automatic setup / USB data input).
- Available Mold oscillation signal reverse-phase-cancellation (MOC).
- One point calibration./ Multi point calibration available.

Reliability

- Durable box and water proof connectors.
- Very low thermal drift.
- CE Marking certified (IEC61010-1:2010).
- Compatible with latest EMS/EMB.

User Friendly

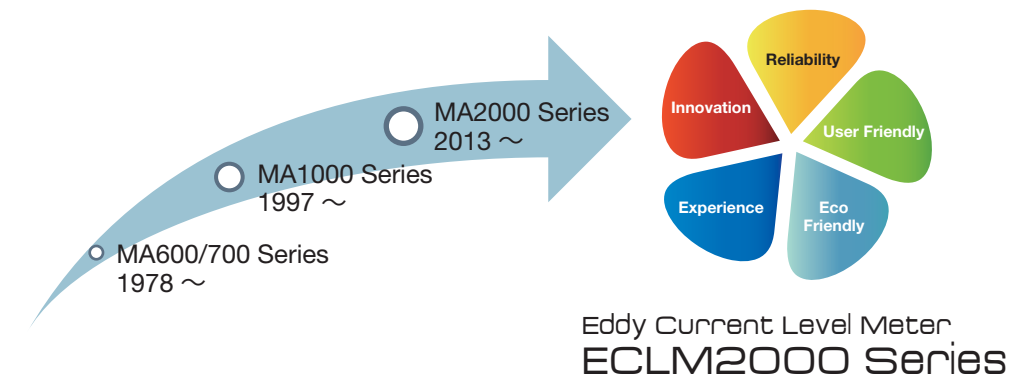
- Compatible terminal box option [MA2000AJB].
(Easy upgrade from legacy ECLM [MA600 / 700 / 1000])
- Touch Screen Display.
- Easy to use Button Icons.
- Useful Oscilloscope function for wave signal setup.
- Helpful wave signal automatic setup.
- USB port

Eco Friendly

- RoHS.
- Power efficiency (Power trans less).
- Worldwide power supply.
- Space efficient very compact Box.

Experience

- NIRECO's Mold Amplifier ECLM system (NKK Sensor System) has 35th year experience.



Specifications

Amplifier	Model	MA2000A
	Display	5.7inch Color touch screen display
	Level output	4-20mA
	Linearity	±1.0%(F.S.)
	Reproducibility	±0.5%(F.S.)
	Response speed	10msec(Non Filter)
	Interface	Isolated Analog, Relay Contacts, Profibus-DP(Slave)
	Ambient temperature	0-40°C
	IP Code	IP55
	Power supply	185VA, Worldwide input Switching power supply(Ultra low noise) 1/N/PE AC 100-240V 50/60Hz
	External dimensions	380mm(W)×380mm(H)×210mm(D)
	Weight	18kg