Dual Type Coating Thickness Gauge

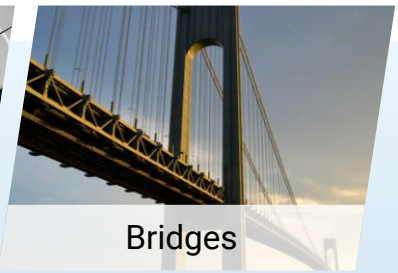
AD-3256

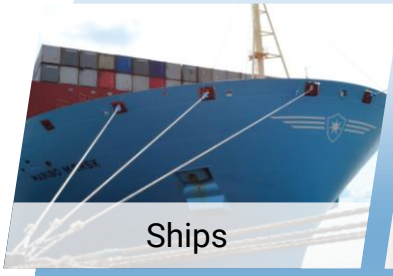
A&D Weighing

Two measurement methods available – **Electromagnetic** and **Eddy-current**

Monitor a range of coating thicknesses

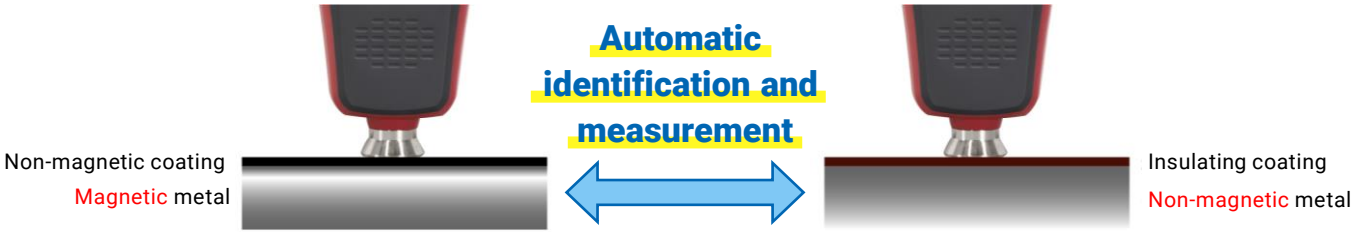

Automobiles


Bridges


Ships


Household appliances

Identify ferrous and nonferrous substrates automatically and measure thickness



Measurable Coating-Substrate Combinations

Measured coating	Electromagnetic type												Eddy-current type							
	Paint	Plastic	Lacquer	Resin	Rubber	Enamel	Lining	Zinc	Chrome	Tin	Copper	Aluminum	Other	Paint	Alumite (Anodized aluminum)	Rubber	Plastic	Enamel	Lacquer	Resin	Other
Substrate	Iron, steel													Aluminum, copper, brass, etc.							

500 saved measurement data

Measured data is automatically saved in the device.

Judge thickness by 3-color LED lamp

By setting a higher and lower limit, pass or fail can be judged by the color of the LED lamp.
* The LED lamp can also be turned off.

Zero-point calibration (single- or two-point)

Select the type of calibration that best suits your requirements: single-point calibration with the zero-calibration plate only, or two-point calibration with the zero-calibration plate and adjustment test piece.

Automatic display rotation

The display automatically rotates 90°, 180°, or 270° according to the device's orientation.
* The screen can also be locked in portrait orientation.

Average, minimum and maximum value display

Statistical values are calculated from data saved in the device.

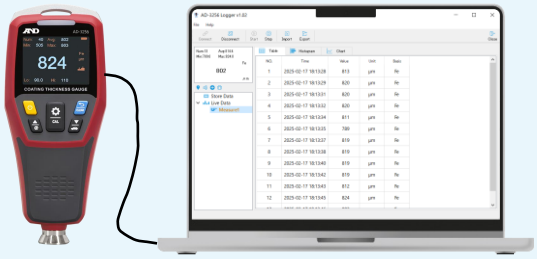
PC software "AD-3256 Logger"

Connect the device to a PC via USB

1) Load measurement data stored in the device

2) Transfer real-time measurement data

Save data to a PC in XLS, PDF or JPG format



Specifications	AD-3256
Measurement method	Magnetic induction / eddy current
Measurement range	0 to 1,250 µm
Measurement accuracy	± (3% +5) µm (0 to 99.9 µm), ± (3% +1) µm (100 to 1,250 µm)
Resolution	0.1 µm (0.0 to 99.9 µm), 1 µm (100 to 1,250 µm)
Maximum saved data count	500 items
Output specifications	USB (PC software)
Auto power off	Approx. 5 minutes
Operating environment	0 °C to 40 °C, 80% RH or less (with no condensation)
Storage environment	-20 °C to 60 °C, 75% RH or less (with no condensation)
Power source / Battery life	2 AA batteries / Approx. 6 hours (when using alkaline batteries)
Dimensions / Weight	65 (W) × 152 (H) × 41 (D) mm / Approx. 180 g (incl. batteries)
Accessories	Battery (for monitoring), sensor cap, carrying case, strap, micro-USB cable, two zero-calibration plates (for ferrous and non-ferrous substrates), 5 types of adjustment test piece (50 µm, 100 µm, 250 µm, 500 µm, 1000 µm (nominal value)), simplified instruction manual

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Discover Precision

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